

Table 8-1.

LABOR FORCE ESTIMATES^{1/}

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed ^{2/}			Unemployed			Per Cent of Labor Force		
	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	April 1981	May 1980	May 1981	Apr. 1981	May 1980
United States	106,347,000	105,678,000	104,028,000	98,803,000	98,282,000	96,709,000	7,545,000	7,396,000	7,318,000	7.1	7.0	7.0
Virginia	2,559,900	2,554,400	2,536,500	2,421,700	2,422,800	2,413,600	138,200	131,600	122,900	5.4	5.2	4.8
Bristol Area	39,430	39,460	39,380	37,030	36,960	36,820	2,400	2,500	2,560	6.1	6.3	6.5
Lynchburg SMSA	76,680	76,900	76,950	72,640	73,180	73,540	4,040	3,720	3,410	5.3	4.8	4.4
Newport News-Hampton SMSA	173,350	171,900	165,840	163,740	163,430	157,390	9,610	8,470	8,450	5.5	4.9	5.1
Norfolk-Virginia Beach-Portsmouth SMSA	333,850	333,720	327,620	314,310	312,260	309,440	19,540	18,460	18,180	5.9	5.6	5.5
Northern Virginia Area	578,800	578,800	564,600	559,300	560,900	546,900	19,500	17,900	17,700	3.4	3.1	3.1
Petersburg-Colonial Heights-Hopewell SMSA	59,600	59,300	61,770	55,520	55,650	58,060	4,080	3,650	3,710	6.8	6.2	6.0
Richmond SMSA	335,950	336,520	331,320	323,370	324,990	320,020	12,580	11,530	11,300	3.7	3.4	3.4
Roanoke SMSA	110,030	110,540	111,210	104,380	105,110	106,580	5,650	5,430	4,630	5.1	4.9	4.2

^{1/} All data adjusted to a place-of-residence basis^{2/} Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL 1/	2,162.0	2,131.2	2,132.7	30.8	29.3
MANUFACTURING	409.6	408.7	405.8	.9	3.8
Durable Goods	188.3	188.2	183.1	.1	5.2
Lumber and Wood Products	24.2	24.3	23.1	-.1	1.1
Millwork, Plywood and Structural Members	6.5	6.5	6.3	0	.2
Wood Containers	1.9	2.0	1.8	-.1	.1
Wood Buildings and Mobile Homes	3.1	3.2	3.2	-.1	-.1
Miscellaneous Wood Products	2.1	2.1	2.0	0	.1
Furniture and Fixtures	26.1	26.2	25.6	-.1	.5
Household and Office Furniture	24.5	24.8	24.0	-.3	.5
Stone, Clay and Glass Products	12.7	12.6	12.5	.1	.2
Structural Clay Products	.9	.9	.9	0	0
Concrete Gypsum and Plaster Products	7.3	7.2	7.2	.1	.1
Glass and Glass Products	1.7	1.7	1.7	0	0
Primary Metal Industries	11.6	11.7	12.2	-.1	-.6
Fabricated Metal Products	20.8	20.6	20.4	.2	.4
Fabricated Structural Metal Products	12.9	12.9	12.9	0	0
Machinery, except Electrical	14.2	14.5	15.0	-.3	-.8
Construction and Related Machinery	4.1	4.2	4.6	-.1	-.5
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	2.0	2.0	1.9	0	.1
Electric and Electronic Equipment	34.1	33.6	32.4	.5	1.7
Communication Equipment	11.8	11.5	10.9	.3	.9
Electronic Components and Accessories	5.5	5.5	5.3	0	.2
Transportation Equipment	37.0	37.1	34.4	-.1	2.6
Instruments and Related Products	4.1	4.1	4.0	0	.1
Miscellaneous Manufacturing Industries	3.5	3.5	3.5	0	0
Nondurable Goods	221.3	220.5	222.7	.8	- 1.4
Food and Kindred Products	40.2	40.5	41.4	-.3	- 1.2
Meat Products	13.3	13.1	13.7	.2	-.4
Dairy Products	3.0	2.9	2.6	.1	.4
Preserved Fruits and Vegetables	1.8	2.4	3.3	-.6	- 1.5
Bakery Products	4.9	5.0	4.9	-.1	0
Beverages	5.7	5.7	5.7	0	0
Tobacco Manufactures	16.1	16.1	15.8	0	.3
Cigarettes	14.0	14.0	13.8	0	.2
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Steaming and Redrying	1.7	1.7	1.6	0	.1
Textile Mill Products	44.8	44.8	44.4	0	.4
Weaving Mills, Cotton, Synthetics and Wool	18.9	18.8	18.8	.1	.1
Narrow Fabric Mills	1.0	1.1	1.2	-.1	-.2
Knitting Mills	14.0	14.1	13.5	-.1	.5
Textile Finishing, except Wool	4.9	4.8	5.0	.1	-.1
Yarn and Thread Mills	3.2	3.2	3.1	0	.1
Miscellaneous Textile Goods	1.2	1.2	1.3	0	-.1
Apparel and Other Textile Products	34.5	33.9	34.9	.6	-.4
Men's and Boys' Suits, Coats and Furnishings	12.7	12.4	13.5	.3	-.8
Women's and Children's Outerwear & Undergarments	18.1	17.7	17.5	.4	.6
Miscellaneous Fabricated Textile Products	1.8	1.8	1.7	0	.1
Paper and Allied Products	14.4	14.3	14.7	.1	-.3
Pulp, Paper and Paperboard	7.7	7.6	7.7	.1	0
Misc. Converted Paper and Paperboard	6.0	5.9	6.2	.1	-.2
Products, Containers and Boxes	2.4	2.3	2.5	.1	-.1
Miscellaneous Converted Paper Products	3.6	3.6	3.7	0	-.1
Paperboard Containers and Boxes	22.1	22.1	22.1	0	0
Printing and Publishing	8.3	8.3	8.5	0	-.2
Newspapers and Periodicals	8.3	8.2	8.4	.1	-.1
Commercial Printing	33.2	33.1	33.4	.1	-.2
Chemicals and Allied Products	.8	.8	.8	0	0
Industrial Inorganic Chemicals	19.6	19.5	19.9	.1	-.3
Plastics Materials and Synthetics	2.8	2.8	2.7	0	.1
Drugs	1.6	1.6	1.7	0	-.1
Agricultural Chemicals	3.5	3.5	3.3	0	.2
Miscellaneous Chemical Products	12.4	12.2	12.3	.2	.1
Petroleum, Rubber and Misc. Plastics Products	5.9	5.8	5.6	.1	.3
Miscellaneous Plastics Products	6.1	6.0	6.4	.1	-.3
Rubber and Rubber Products	3.6	3.5	3.7	.1	-.1
Leather and Leather Products					

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
(Continued from page 4)					
NONMANUFACTURING	1,752.4	1,722.5	1,726.9	29.9	25.5
Mining	23.5	13.5	24.2	10.0	- .7
Bituminous Coal and Lignite Mining	20.6	10.6	20.8	10.0	- .2
Construction	119.0	115.9	127.5	3.1	- 8.5
Transportation and Public Utilities	115.2	114.5	115.6	.7	- .4
Railroad Transportation	11.3	11.3	14.3	0	- 3.0
Trucking and Warehousing	29.5	28.8	30.0	.7	- .5
Transportation by Air	11.1	11.1	11.1	0	0
Communication	30.2	29.7	29.0	.5	1.2
Electric, Gas and Sanitary Services	17.6	17.4	16.5	.2	1.1
Wholesale and Retail Trade	461.3	455.7	446.3	5.6	15.0
Wholesale	105.9	105.1	103.9	.8	2.0
Wholesale Trade Durable Goods	63.9	63.7	63.8	.2	.1
Wholesale Trade Nondurable Goods	42.0	41.4	40.1	.6	1.9
Retail	355.4	350.6	342.4	4.8	13.0
General Merchandise Stores	56.0	55.8	54.3	.2	1.7
Department Stores	40.9	40.9	40.1	0	.8
Variety Stores	9.3	9.2	8.8	.1	.5
Food Stores	56.9	56.1	54.2	.8	2.7
Automotive Dealers and Service Stations	46.5	46.7	46.9	- .2	- .4
Furniture and Home Furnishings Stores	15.3	15.1	15.2	.2	.1
Miscellaneous Retail	43.6	43.6	42.9	0	.7
Finance, Insurance and Real Estate	109.0	107.5	106.2	1.5	2.8
Banking	31.2	31.0	31.0	.2	.2
Insurance Carriers	20.3	20.2	20.1	.1	.2
Real Estate	25.3	24.1	23.6	1.2	1.7
Services	408.0	400.0	391.7	8.0	16.3
Personal Services	24.8	24.9	24.7	- .1	.1
Business Services	78.8	77.1	76.2	1.7	2.6
Auto and Miscellaneous Repair Service	18.8	18.7	18.4	.1	.4
Health Services	105.0	104.0	101.2	1.0	3.8
Government	516.4	515.4	515.4	1.0	1.0
Federal Government	158.0	156.3	161.1	1.7	- 3.1
State and Local Government	358.4	359.1	354.3	- .7	4.1
State Government	118.6	119.3	118.6	- .7	0
Local Government	239.8	239.8	235.7	0	4.1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS

BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1970 - 1980

JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, In- surance and Real Estate	Services and Mis- cellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	298.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.1	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	96.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,118.1	408.8	23.9	110.9	114.1	446.0	106.6	391.9	515.9
April	2,123.2	407.8	13.5	114.4	113.7	452.0	107.5	397.9	516.4
May	2,131.2	408.7	13.5	115.9	114.5	455.7	107.5	400.0	515.4
June	2,162.0	409.6	23.5	119.0	115.2	461.3	109.0	408.0	516.4
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
<u>NONAGRICULTURAL</u> ^{1/}	915.9	906.9	892.1	9.0	23.8
<u>MANUFACTURING</u>	144.8	144.1	143.8	.7	1.0
Durable Goods	45.4	45.4	43.7	0	1.7
Lumber and Wood Products	4.2	4.2	4.1	0	.1
Furniture and Fixtures	8.9	9.0	8.6	- .1	.3
Stone, Clay and Glass Products	1.4	1.3	1.4	.1	0
Primary Metal Industries	2.0	2.0	1.9	0	.1
Fabricated Metal Products	3.6	3.6	3.4	0	.2
Machinery, except Electrical	2.3	2.4	2.4	- .1	.1
Electric and Electronic Equipment	15.3	15.2	14.5	.1	.8
Transportation Equipment	5.0	5.0	4.6	0	.4
Instruments and Related Products	1.6	1.6	1.6	0	0
Miscellaneous Manufacturing Industries	1.1	1.1	1.2	0	- .1
Nondurable Goods	99.4	98.7	100.1	.7	- .7
Food and Kindred Products	14.1	14.0	14.9	.1	- .8
Tobacco Manufactures	5.4	5.4	5.3	0	.1
Textile Mill Products	24.7	24.7	24.2	0	.5
Apparel and Other Textile Products	31.0	30.4	31.3	.6	- .3
Paper and Allied Products	2.4	2.4	2.5	0	- .1
Printing and Publishing	7.7	7.8	7.8	- .1	- .1
Chemicals and Allied Products	8.5	8.5	8.6	0	- .1
Petroleum, Rubber and Misc. Plastics Products	2.9	2.8	2.7	.1	.2
Leather and Leather Products	2.7	2.7	2.8	0	- .1
<u>NONMANUFACTURING</u>	771.1	762.8	748.3	8.3	22.8
Mining	.6	.5	.6	.1	0
Construction	7.7	7.7	7.8	0	- .1
Transportation and Public Utilities	29.0	28.5	28.4	.5	.6
Wholesale and Retail Trade	191.8	188.9	184.2	2.9	7.6
Wholesale Trade	20.5	20.5	20.6	0	- .1
Retail Trade	171.3	168.4	163.6	2.9	7.7
Finance, Insurance and Real Estate	62.7	61.8	60.4	.9	2.3
Services	225.5	221.6	216.6	3.9	8.9
Government	253.8	253.8	250.3	0	3.5
Federal Government	56.9	56.3	57.4	.6	- .5
State and Local Government	196.9	197.5	192.9	- .6	4.0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

^{1/} Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A - 4.

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
MANUFACTURING	312.9	312.5	310.3	.4	2.6
Durable Goods	142.0	142.1	137.3	- .1	4.7
Lumber and Wood Products	20.6	20.8	19.6	- .2	1.0
Millwork, Plywood and Structural Members	5.3	5.4	5.3	- .1	0
Wood Containers	1.7	1.7	1.7	0	0
Wood Buildings and Mobile Homes	2.3	2.4	2.3	- .1	0
Miscellaneous Wood Products	1.9	1.8	1.8	.1	.1
Furniture and Fixtures	22.0	22.0	21.3	0	.7
Household and Office Furniture	20.8	20.9	20.2	- .1	.6
Stone, Clay and Glass Products	10.0	9.9	9.8	.1	.2
Structural Clay Products	.7	.8	.7	- .1	0
Concrete Gypsum and Plaster Products	5.8	5.8	5.7	0	.1
Glass and Glass Products	1.3	1.3	1.4	0	- .1
Primary Metal Industries	6.2	6.2	6.7	0	- .5
Fabricated Metal Products	13.6	13.4	13.2	.2	.4
Fabricated Structural Metal Products	7.5	7.5	7.5	0	0
Machinery, except Electrical	9.8	10.0	10.5	- .2	- .7
Construction and Related Machinery	2.4	2.5	2.8	- .1	- .4
Special Industry Machinery	1.5	1.5	1.5	0	0
Refrigeration and Service Machinery	1.3	1.3	1.2	0	.1
Electric and Electronic Equipment	22.9	22.7	21.8	.2	1.1
Communication Equipment	7.3	7.2	6.7	.1	.6
Electronic Components and Accessories	3.5	3.5	3.4	0	.1
Transportation Equipment	31.7	31.9	29.3	- .2	2.4
Instruments and Related Products	2.5	2.5	2.4	0	.1
Miscellaneous Manufacturing Industries	2.7	2.7	2.7	0	0
Nondurable Goods	170.9	170.4	173.0	.5	- 2.1
Food and Kindred Products	29.1	29.2	30.0	- .1	- .9
Meat Products	11.5	11.3	11.8	.2	- .3
Dairy Products	1.5	1.5	1.3	0	.2
Preserved Fruits and Vegetables	1.2	1.8	2.6	- .6	- 1.4
Bakery Products	2.5	2.5	2.4	0	.4
Beverages	2.4	2.3	2.3	.1	.1
Tobacco Manufactures	11.6	11.7	11.5	- .1	.1
Cigarettes	10.3	10.3	10.2	0	.1
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	1.0	1.1	1.0	- .1	0
Textile Mill Products	40.1	40.1	39.8	0	.3
Weaving Mills, Cotton, Synthetics and Wool	16.5	16.5	16.4	0	.1
Narrow Fabric Mills	1.0	1.0	1.1	0	.1
Knitting Mills	12.9	13.0	12.4	- .1	.5
Textile Finishing, except Wool	4.5	4.4	4.6	- .1	.1
Yarn and Thread Mills	2.8	2.8	2.8	- .1	0
Miscellaneous Textile Goods	1.1	1.1	1.1	0	0
Apparel and Other Textile Products	31.3	30.7	32.0	.6	- .7
Men's and Boys' Suits, Coats and Furnishings	11.5	11.3	12.5	.2	- 1.0
Women's and Children's Outerwear & Undergarments	16.7	16.3	16.2	.4	.5
Miscellaneous Fabricated Textile Products	1.4	1.4	1.3	0	.1
Paper and Allied Products	10.7	10.7	11.2	0	- .5
Pulp, Paper and Paperboard	5.4	5.3	5.5	.1	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	4.9	4.9	5.1	0	- .2
Miscellaneous Converted Paper Products	2.0	2.0	2.2	0	- .2
Paperboard Containers and Boxes	2.9	2.9	2.9	0	0
Printing and Publishing	13.0	13.1	13.0	- .1	0
Newspapers and Periodicals	2.9	3.0	2.9	- .1	0
Commercial Printing	6.3	6.3	6.5	0	- .2
Chemicals and Allied Products	22.4	22.5	22.8	- .1	- .4
Industrial Inorganic Chemicals	.4	.4	.4	0	0
Plastics Materials and Synthetics	14.4	14.3	14.4	.1	0
Drugs	1.3	1.3	1.3	0	0
Agricultural Chemicals	.9	.9	1.0	0	- .1
Miscellaneous Chemical Products	2.4	2.4	2.2	0	.2
Petroleum, Rubber and Misc. Plastics Products	9.4	9.2	9.3	.2	.1
Miscellaneous Plastics Products	4.4	4.3	4.1	.1	.3
Rubber and Rubber Products	4.8	4.7	5.0	.1	- .2
Leather and Leather Products	3.3	3.2	3.4	.1	- .1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	29.3	29.2	28.6	.1	.7
MANUFACTURING	9.7	9.6	9.3	.1	.4
Durable Goods	4.7	4.6	4.6	.1	.1
Lumber and Wood Products and Furniture and Fixtures	.2	.2	.3	0	.1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.2	2.2	2.1	0	.1
Other Durable Goods 1/	2.0	1.9	1.9	.1	.1
Nondurable Goods	5.0	5.0	4.7	0	.3
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	1.9	0	.2
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.5	0	0
NONMANUFACTURING	19.6	19.6	19.3	0	.3
Construction	1.5	1.5	1.4	0	.1
Transportation & Public Utilities	1.3	1.2	1.2	.1	.1
Trade	6.8	6.8	6.6	0	.2
Wholesale Trade	1.7	1.7	1.7	0	0
Retail Trade	5.1	5.1	4.9	0	.2
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.8	3.7	3.7	.1	.1
Government	5.2	5.4	5.4	-.2	-.2
State and Local Government	4.8	5.1	5.0	-.3	-.2

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	71.0	71.4	72.1	-.4	- 1.1
MANUFACTURING	29.0	29.0	29.1	0	-.1
Durable Goods	18.2	18.3	18.6	-.1	-.4
Lumber and Wood Products and Furniture and Fixtures	4.0	4.1	4.1	-.1	-.1
Other Durable Goods 1/	14.2	14.2	14.5	0	-.3
Nondurable Goods	10.8	10.7	10.5	.1	.3
Food and Kindred Products	1.8	1.8	1.4	0	.4
Textile Mill Products	1.8	1.8	1.8	0	0
Apparel & Other Textile Products	2.5	2.5	2.6	0	-.1
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.6	3.5	3.7	.1	-.1
NONMANUFACTURING	42.0	42.4	43.0	-.4	- 1.0
Construction	3.4	3.5	3.7	-.1	-.3
Transportation and Public Utilities	2.7	2.7	2.8	0	-.1
Wholesale and Retail Trade	11.3	11.3	11.8	0	-.5
Wholesale Trade	2.1	2.1	2.2	0	-.1
Retail Trade	9.2	9.2	9.6	0	-.4
Finance, Insurance and Real Estate	3.7	3.6	3.7	.1	0
Services and Mining	10.5	10.8	10.7	-.3	-.2
Government	10.4	10.5	10.3	-.1	.1

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	160.3	157.8	155.1	2.5	5.2
MANUFACTURING	35.6	35.4	34.2	.2	1.4
Durable Goods	28.9	28.7	27.8	.2	1.1
Stone, Clay & Glass Products	.6	.6	.6	0	0
Transportation Equipment	24.8	24.6	23.4	.2	1.4
Other Durable Goods 1/	3.5	3.5	3.8	0	-.3
Nondurable Goods	6.7	6.7	6.4	0	.3
Food & Kindred Products	3.0	3.0	2.9	0	.1
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.6	0	0
Printing and Publishing	1.1	1.1	1.1	0	0
Other Nondurable Goods 2/	2.0	2.0	1.8	0	.2
NONMANUFACTURING	124.7	122.4	120.9	2.3	3.8
Construction	7.4	7.1	7.6	.3	-.2
Transportation and Public Utilities	5.2	5.2	5.2	0	0
Wholesale and Retail Trade	30.2	29.7	29.0	.5	1.2
Wholesale Trade	3.4	3.3	3.4	.1	0
Retail Trade	26.8	26.4	25.6	.4	1.2
Finance, Insurance and Real Estate	5.4	5.2	5.2	.2	.2
Services and Mining	32.9	32.1	30.0	.8	2.9
Government	43.6	43.1	43.9	.5	-.3
Federal Government	17.4	17.1	17.4	.3	0
State and Local Government	26.2	26.0	26.5	.2	-.3

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	292.5	290.3	285.1	2.2	7.4
MANUFACTURING	28.8	29.1	27.6	-.3	1.2
Durable Goods	17.3	17.6	16.0	-.3	1.3
Lumber & Wood Products	1.6	1.6	1.7	0	-.1
Stone, Clay and Glass Products	2.0	1.9	1.7	.1	.3
Fabricated Metal Products	1.0	1.0	1.1	0	-.1
Fabricated Structural Metal Products	N/A	N/A	N/A	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	7.2	7.5	5.9	-.3	1.3
Other Durable Goods 1/	4.2	4.3	4.4	-.1	-.2
Nondurable Goods	11.5	11.5	11.6	0	-.1
Food and Kindred Products	5.7	5.6	5.4	.1	.3
Apparel & Other Textile Products	.8	.8	.9	0	-.1
Printing and Publishing	2.4	2.4	2.5	0	-.1
Chemicals and Allied Products	1.2	1.3	1.4	-.1	-.2
Agricultural Chemicals	.6	.6	.7	0	-.1
Other Nondurable Goods 2/	1.4	1.4	1.4	0	0
NONMANUFACTURING	263.7	261.2	257.5	2.5	6.2
Construction	16.4	16.0	16.3	.4	.1
Transportation & Public Utilities	19.3	19.6	19.3	-.3	0
Railroads	1.1	1.1	1.5	0	-.4
Wholesale and Retail Trade	73.3	72.0	68.7	1.3	4.6
Wholesale Trade	14.3	14.3	14.5	0	-.2
Retail Trade	59.0	57.7	54.2	1.3	4.8
Finance, Insurance & Real Estate	14.8	14.9	14.8	-.1	0
Banking	4.4	4.4	4.3	0	.1
Insurance Carriers and Agents	3.0	3.1	3.1	-.1	-.1
Services and Mining	59.6	58.2	55.7	1.4	3.9
Personal Services	4.4	4.4	4.2	0	.2
Government	80.3	80.5	82.7	-.2	2.4
Federal Government	37.1	36.8	37.6	.3	.5
State & Local Government	43.2	43.7	45.1	-.5	1.9

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	447.4	443.0	433.4	4.4	14.0
MANUFACTURING	17.8	17.7	17.1	.1	.7
Durable Goods	10.4	10.3	10.2	.1	.2
Stone, Clay and Glass Products	.9	.9	1.0	0	-.1
Fabricated Metal Products	1.2	1.2	1.2	0	0
Machinery, except Electrical	.7	.7	.7	0	0
Electric and Electronic Equipment	5.5	5.4	5.3	.1	.2
Other Durable Goods 1/	2.1	2.1	2.0	0	.1
Nondurable Goods	7.4	7.4	6.9	0	.5
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.8	4.8	4.5	0	.3
Other Nondurable Goods 2/	1.5	1.5	1.3	0	.2
NONMANUFACTURING	429.6	425.3	416.3	4.3	13.3
Mining	.3	.3	.4	0	-.1
Construction	29.3	28.6	27.5	.7	1.8
Transportation & Public Utilities	29.1	29.1	29.6	0	-.5
Transportation By Air	8.1	8.3	8.7	-.2	-.6
Electric, Gas & Sanitary Service	3.7	3.7	3.4	0	.3
Wholesale and Retail Trade	102.2	100.9	97.7	1.3	4.5
Wholesale Trade	17.9	17.9	18.5	0	-.6
Retail Trade	84.3	83.0	79.2	1.3	5.1
General Merchandise Stores	12.8	12.7	11.8	.1	1.0
Food Stores	9.3	9.1	9.3	0	0
Auto. Dealers & Service Stations	12.2	12.4	12.1	-.2	.1
Apparel & Accessory Stores	5.4	5.3	5.3	.1	.1
Eating & Drinking Places	25.2	24.3	22.7	.9	2.5
Finance, Insurance & Real Estate	28.6	28.1	27.3	.5	1.3
Banking	6.2	6.1	5.9	.1	.3
Services	117.8	115.6	113.9	2.2	3.9
Business Services	40.8	40.1	39.7	.7	1.1
Government	122.3	122.7	119.9	-.4	2.4
Federal Government	69.7	69.5	68.6	.2	1.1
State and Local Government	52.6	53.2	51.3	-.6	1.9

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	46.9	46.5	49.4	.4	- 2.5
MANUFACTURING	11.3	11.4	11.8	-.1	-.5
Durable Goods	2.5	2.6	2.7	-.1	-.2
Lumber and Wood Products and Furniture & Fixtures	.6	.8	.5	-.2	.1
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.1	.2	.1	0
Other Durable Goods 1/	1.5	1.5	1.8	0	-.3
Nondurable Goods	8.8	8.8	9.1	0	-.3
Food and Kindred Products	.4	.6	.3	0	.1
Textile Mill Products and Apparel & Other	1.1	1.1	1.1	0	0
Textile Products	3.4	3.4	3.6	0	-.2
Chemicals and Allied Products	3.9	3.9	4.1	0	-.2
Other Nondurable Goods 2/					
NONMANUFACTURING	35.6	35.1	37.6	.5	- 2.0
Construction	2.5	2.3	3.8	.2	- 1.3
Transportation and Public Utilities	1.5	1.5	1.5	0	0
Wholesale and Retail Trade	8.4	8.4	8.2	0	.2
Wholesale Trade	1.2	1.2	1.3	0	-.1
Retail Trade	7.2	7.2	6.9	0	.3
Finance, Insurance and Real Estate	1.3	1.3	1.4	0	-.1
Services and Mining	6.6	6.5	6.4	.1	-.2
Government	15.3	15.1	16.3	.2	- 1.0
Federal Government	4.9	4.8	6.1	.1	- 1.2
State and Local Government	10.4	10.3	10.2	.1	.2

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	331.1	330.9	326.9	.2	4.2
MANUFACTURING	56.4	56.3	54.8	.1	1.6
Durable Goods	17.9	17.9	17.7	0	.2
Lumber & Wood Products	1.4	1.5	1.4	- .1	0
Furniture & Fixtures	2.2	2.2	2.1	0	.1
Stone, Clay & Glass Products	1.4	1.4	1.2	0	.2
Fabricated Metal Products	2.6	2.5	2.5	.1	.1
Fabricated Structural Metal Products	1.8	1.8	1.8	0	0
Machinery, except Electrical	2.1	2.1	2.1	0	0
Other Durable Goods 1/	8.2	8.2	8.4	0	-.2
Nondurable Goods	38.5	38.4	37.1	.1	1.4
Food & Kindred Products	4.3	4.3	4.2	0	.1
Bakery Products	1.8	1.8	1.7	0	.1
Tobacco Manufactures	12.6	12.7	11.8	- .1	.8
Cigarettes	11.8	11.8	11.1	0	.7
Tobacco Stemming & Redrying	.5	.5	.3	0	.2
Apparel & Other Textile Products	2.2	2.2	2.3	0	-.1
Paper & Allied Products	4.2	4.1	4.2	.1	0
Printing and Publishing	5.3	5.2	5.2	.1	.1
Commercial Printing	3.0	2.9	2.9	.1	.1
Chemicals & Allied Products	7.8	7.8	7.4	0	.4
Other Nondurable Goods 2/	2.1	2.1	2.0	0	.1
NONMANUFACTURING	274.7	274.6	272.1	.1	2.6
Mining	.3	.3	.4	0	-.1
Construction	16.7	16.3	17.0	.4	-.3
Transportation & Public Utilities	20.4	20.2	20.0	.2	.4
Wholesale & Retail Trade	74.6	74.7	72.4	-.1	2.2
Wholesale Trade	22.0	22.0	22.0	0	0
Retail Trade	52.6	52.7	50.4	-.1	2.2
General Merchandise Stores	10.2	10.3	10.2	-.1	0
Food Stores	7.5	7.5	7.0	0	.5
Auto Dealers & Service Stations	5.6	5.7	5.6	-.1	0
Finance, Insurance & Real Estate	26.7	26.7	27.0	0	-.3
Insurance Carriers and Agents	10.5	10.4	10.3	.1	.2
Services	62.5	61.3	60.2	1.2	2.3
Government	73.5	75.1	75.1	- 1.6	- 1.6
Federal Government	8.0	8.8	8.8	- 1.2	-.8
State & Local Government	65.5	67.3	66.3	- 1.8	-.8

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	June 1981	May 1981	June 1980	May 1981	June 1980
NONAGRICULTURAL	103.6	102.9	105.8	.7	- 2.2
MANUFACTURING	20.9	20.9	20.9	0	0
Durable Goods	12.2	12.3	12.1	-.1	.1
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.5	2.5	2.6	0	-.1
Fabricated Structural Metal Products	1.2	1.2	1.3	0	-.1
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.6	6.7	6.4	-.1	.2
Nondurable Goods	8.7	8.6	8.8	.1	-.1
Food & Kindred Products	1.9	1.8	1.9	.1	0
Textile Mill Products	1.7	1.6	1.9	.1	-.2
Apparel & Other Textile Products	1.6	1.7	1.6	-.1	0
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.6	2.6	2.5	0	.1
NONMANUFACTURING	82.7	82.0	84.9	.7	- 2.2
Mining	.1	.1	.1	0	0
Construction	5.5	5.5	6.6	0	- 1.1
Transportation & Public Utilities	8.7	8.8	9.9	-.1	- 1.2
Wholesale & Retail Trade	25.7	25.5	25.6	.2	.1
Wholesale Trade	7.4	7.4	7.3	0	.1
Retail Trade	18.3	18.1	18.3	.2	0
Finance, Insurance & Real Estate	6.3	6.3	6.3	0	0
Services	20.1	19.9	19.9	.2	.2
Government	16.3	15.9	16.5	.4	-.2
Federal Government	3.1	3.1	3.4	0	-.3
State & Local Government	13.2	12.8	13.1	.4	.1

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
<u>MANUFACTURING</u>	\$269.60	\$263.74	\$240.07	40.0	39.6	39.1	\$6.74	\$6.66	\$6.14
Durable Goods	271.61	267.70	241.64	40.6	40.5	39.1	6.69	6.61	6.18
Lumber and Wood Products	203.71	200.34	170.38	39.1	38.9	36.8	5.21	5.15	4.63
Furniture and Fixtures	177.70	177.95	158.30	38.8	38.6	36.9	4.58	4.61	4.29
Household and Office Furniture	177.63	177.02	156.65	38.7	38.4	36.6	4.59	4.61	4.28
Stone, Clay and Glass Products	253.58	255.62	234.52	40.9	40.9	41.0	6.20	6.25	5.72
Structural Clay Products	231.86	221.65	201.80	43.5	41.9	40.2	5.33	5.29	5.02
Glass and Glass Products	247.95	238.46	237.16	39.8	38.9	38.5	6.23	6.13	6.16
Primary Metal Industries	361.26	340.49	289.24	40.5	40.2	36.2	8.92	8.47	7.99
Fabricated Metal Products	332.80	317.79	302.94	41.6	40.9	40.5	8.00	7.77	7.48
Fabricated Structural Metal Products	335.23	315.23	304.80	43.2	42.2	42.1	7.76	7.47	7.24
Machinery, except Electrical	291.85	287.20	256.24	40.2	40.0	40.1	7.26	7.18	6.39
Construction and Related Machinery	273.02	277.81	244.98	38.4	37.9	38.1	7.11	7.33	6.43
Special Industry Machinery	341.13	334.56	289.42	41.1	40.9	38.9	8.30	8.18	7.44
Refrigeration and Service Machinery	342.43	308.18	260.37	46.4	43.9	42.2	7.38	7.02	6.17
Electric and Electronic Equipment	272.56	272.62	242.87	40.2	40.3	39.3	6.78	6.74	6.18
Communication Equipment	288.51	297.31	267.58	39.2	39.8	39.7	7.36	7.47	6.74
Instruments and Related Products	1) 189.36	1) 195.42	212.22	38.1	39.8	40.5	1) 4.97	1) 4.91	5.24
Miscellaneous Manufacturing Industries	221.03	209.00	204.97	39.4	38.0	37.2	5.61	5.50	5.51
Nondurable Goods	268.49	261.02	238.90	39.6	38.9	39.1	6.78	.71	6.11
Food and Kindred Products	245.30	238.08	224.06	39.5	38.4	38.3	6.21	6.20	5.85
Tobacco Manufactures	451.00	428.68	357.82	41.0	38.9	38.6	11.00	11.02	9.27
Cigarettes	474.96	456.15	376.55	41.7	39.7	38.9	11.39	11.49	9.68
Textile Mill Products	212.26	211.73	190.12	40.2	40.1	39.2	5.28	5.28	4.85
Weaving Mills, Cotton, Synthetics and Wool	232.40	232.40	198.60	41.5	41.5	39.8	5.60	5.60	4.99
Knitting Mills	174.95	183.00	180.18	36.6	37.5	38.5	4.78	4.88	4.68
Yarn and Thread Mills	197.07	197.07	167.98	42.2	42.2	39.9	4.67	4.67	4.21
Miscellaneous Textile Goods	234.00	192.65	203.56	42.7	34.9	38.7	5.48	5.52	5.26
Apparel and Other Textile Products	162.26	159.67	150.96	36.3	35.8	37.0	4.47	4.46	4.08
Men's and Boys' Suits, Coats and Furnishings	173.15	159.15	159.26	36.3	34.3	38.1	4.77	4.64	4.18
Women's and Children's Outerwear & Undergarments	149.95	154.80	142.88	35.2	36.0	35.9	4.26	4.30	3.98
Paper and Allied Products	344.86	350.57	308.66	41.5	42.7	41.1	8.31	8.21	7.51
Pulp, Paper and Paperboard	408.50	421.67	363.80	43.0	44.2	42.5	9.50	9.54	8.56
Misc. Converted Paper and Paperboard Products, Containers and Boxes	274.62	274.99	250.34	39.8	40.8	39.8	6.90	6.74	6.29
Printing and Publishing	327.46	317.44	281.86	39.5	38.2	38.4	8.29	8.31	7.34
Newspapers and Periodicals	259.50	259.34	251.26	33.1	33.9	34.8	7.84	7.65	7.22
Chemical and Allied Products	369.29	327.46	310.75	41.4	38.3	40.2	8.92	8.55	7.73
Plastic Materials and Synthetics	388.58	378.06	312.44	42.1	42.1	39.6	9.23	8.98	7.89
Agricultural Chemicals	248.40	242.80	227.45	40.0	40.4	40.4	6.21	6.01	5.63
Leather and Leather Products	152.08	148.93	131.77	38.6	37.8	36.3	3.94	3.94	3.63

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	\$214.08	\$220.41	\$208.07	35.8	38.2	37.9	\$5.98	\$5.77	\$5.49
Durable Goods	272.03	268.62	251.22	40.3	40.7	39.5	6.75	6.60	6.36
Fabricated Metal Products	1) 323.99	1) 312.89	324.53	40.6	40.9	39.1	1) 7.98	1) 7.65	8.30
Machinery and Transportation Equipment	264.62	266.33	237.60	40.9	41.1	40.0	6.47	6.48	5.94
Nondurable Goods	154.44	171.72	164.78	31.2	35.7	36.7	4.95	4.81	4.49
Food and Kindred Products	201.72	194.39	186.94	34.9	34.9	34.3	5.78	5.57	5.45
Apparel and Other Textile Products	110.99	147.58	141.70	26.3	34.4	36.9	4.22	4.29	3.84

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,100 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	\$270.25	\$255.81	\$231.46	40.7	38.7	38.9	\$6.64	\$6.61	\$5.95
Durable Goods	281.18	273.04	248.58	40.4	39.4	38.6	6.96	6.93	6.44
Lumber and Wood Products and Furniture and Fixtures	179.65	175.06	155.23	37.9	36.7	36.1	4.74	4.77	4.30
Nondurable Goods	254.00	229.74	205.80	41.1	37.6	39.2	6.18	6.11	5.25
Food and Kindred Products	1) 257.68	1) 275.81	239.41	1) 39.4	1) 40.8	42.6	1) 6.54	1) 6.76	5.62
Textile Mill Products	225.28	225.43	206.34	40.3	40.4	40.3	5.59	5.58	5.12
Apparel and Other Textile Products	151.03	151.58	129.11	37.2	37.8	34.8	4.06	4.01	3.71
Paper and Allied Products	377.22	385.06	319.20	49.7	50.8	45.6	7.59	7.58	7.00

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,100 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of over-time work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	\$282.61	\$287.04	\$253.92	40.2	41.3	39.8	\$7.03	\$6.95	\$6.38
Durable Goods	302.25	308.79	268.00	40.9	42.3	40.3	7.39	7.30	6.65
Lumber and Wood Products	210.90	248.46	169.39	37.0	42.4	32.7	5.70	5.86	5.18
Stone, Clay, and Glass Products	229.28	264.80	229.67	38.6	41.7	38.6	5.94	6.35	5.95
Fabricated Metal Products	233.36	232.18	239.57	38.7	40.1	43.4	6.03	5.79	5.52
Machinery, except Electrical	235.46	236.21	226.08	38.6	39.5	40.3	6.10	5.98	5.61
Transportation Equipment	386.31	386.23	349.62	44.2	45.6	44.2	8.74	8.47	7.91
Nondurable Goods	248.28	247.50	231.27	39.1	39.6	39.0	6.35	6.25	5.93
Food and Kindred Products	243.21	240.35	221.76	40.4	40.6	39.6	6.02	5.92	5.60
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	243.58	242.65	214.98	38.0	39.2	36.5	6.41	6.19	5.89

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,000 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	\$292.47	\$292.00	\$274.13	39.9	40.0	39.5	\$7.33	\$7.30	\$6.94
Durable Goods	281.93	279.07	261.09	40.8	40.8	39.8	6.91	6.84	6.56
Stone, Clay, and Glass Products	246.72	242.14	222.72	37.1	36.8	38.4	6.65	6.58	5.80
Fabricated Metal Products	316.05	319.29	275.53	43.0	43.5	40.4	7.35	7.34	6.82
Electric and Electronic Equipment	1) 292.82	1) 288.74	284.95	42.5	42.4	41.0	1) 6.89	1) 6.81	6.95
Nondurable Goods	302.86	308.85	289.54	38.0	38.8	38.4	7.97	7.96	7.54
Food and Kindred Products	319.93	313.58	296.91	40.6	40.1	39.8	7.88	7.82	7.46

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for over-time work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	\$341.50	\$258.06	\$300.75	40.8	33.0	40.1	\$8.37	\$7.82	\$7.50
Durable Goods	1) 201.40	1) 201.60	180.64	1) 40.2	1) 40.4	39.1	1) 5.01	1) 4.99	4.62
Lumber and Wood Products and Furniture and Fixtures	1) 267.48	1) 234.68	155.61	1) 48.9	1) 44.7	36.7	1) 5.47	1) 5.25	4.24
Nondurable Goods	380.78	274.76	338.15	40.9	30.7	40.4	9.31	8.95	8.37
Food & Kindred Products	215.99	226.63	217.17	38.5	39.9	39.2	5.61	5.68	5.54
Chemicals & Allied Products	432.21	173.73	375.42	41.8	17.8	41.3	10.34	9.76	9.09

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,800 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	\$355.20	\$354.44	\$313.23	40.0	40.6	39.7	\$ 8.88	\$ 8.73	\$ 7.89
Durable Goods	321.05	314.47	293.98	39.2	41.0	40.8	8.19	7.67	7.23
Lumber and Wood Products	201.80	199.92	189.34	40.2	40.8	40.2	5.02	4.90	4.71
Furniture and Fixtures	182.31	199.92	167.40	38.3	42.0	37.2	4.76	4.76	4.50
Primary Metal Industries	558.60	478.88	468.38	38.9	41.0	40.8	14.36	11.68	11.48
Fabricated Metal Products	408.66	356.20	351.48	42.0	39.1	40.4	9.73	9.11	8.70
Fabricated Structural Metal Products	467.46	390.45	377.28	44.1	39.4	39.3	10.60	9.91	9.60
Nondurable Goods	368.34	370.06	319.16	40.3	40.4	39.5	9.14	9.16	8.08
Food and Kindred Products	250.72	247.84	220.00	40.9	40.3	37.8	6.13	6.15	5.82
Tobacco Manufactures	450.08	455.52	375.75	38.6	38.9	39.1	11.66	11.71	9.61
Cigarettes	457.80	465.29	380.24	38.6	39.1	39.2	11.86	11.90	9.70
Apparel and Other Textile Products	191.70	190.94	164.51	42.6	40.8	38.8	4.50	4.68	4.24
Paper and Allied Products	311.76	314.23	277.11	40.7	41.4	39.7	7.66	7.59	6.98
Printing and Publishing	344.83	356.98	317.25	38.4	39.1	38.5	8.98	9.13	8.50
Chemicals and Allied Products	410.61	408.37	354.78	42.2	42.1	40.5	9.73	9.70	8.76

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,500 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
MANUFACTURING	\$246.72	\$245.92	\$229.88	39.1	39.6	40.4	\$6.31	\$6.21	\$5.69
Durable Goods	248.77	245.35	230.11	39.3	39.7	40.3	6.33	6.18	5.71
Fabricated Metal Products	247.05	241.76	217.89	40.7	40.7	40.5	6.07	5.94	5.38
Fabricated Structural Metal Products	253.12	249.28	222.50	40.5	41.0	40.9	6.25	6.08	5.44
Nondurable Goods	244.44	245.62	229.64	38.8	39.3	40.5	6.30	6.25	5.67
Food and Kindred Products	260.33	263.34	235.14	43.9	43.1	44.2	5.93	6.11	5.32
Textile Mill Products	183.76	180.36	180.64	36.9	36.0	39.7	4.98	5.01	4.55

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
	June 1981	May 1981	June 1980	Worker With No Dependents			Married Worker With Three Dependents		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
Virginia	\$269.60	\$263.74	\$240.07	\$211.48	\$207.46	\$192.30	\$231.17	\$226.76	\$210.17
Bristol Area	214.08	220.41	208.07	172.64	177.22	169.37	189.17	194.07	185.60
Lynchburg SMSA	270.25	255.81	231.46	211.91	201.96	186.28	231.66	220.78	203.64
Norfolk-Virginia Beach-Portsmouth SMSA	282.61	287.04	253.92	220.24	223.22	201.97	240.98	244.31	220.68
Northern Virginia Area	292.47	292.00	274.13	226.88	226.56	215.95	248.41	248.05	236.01
Petersburg-Colonial Heights-Hopewell SMSA	341.50	258.06	300.75	258.55	203.52	234.02	284.29	222.48	256.21
Richmond SMSA	355.20	354.44	313.23	267.23	266.75	242.27	294.20	293.65	265.46
Roanoke SMSA	246.72	245.92	229.88	195.66	195.10	185.18	213.93	213.33	202.44

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT ^{1/} IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	June 1981	June 1981	June 1980	May 1980
	2/			
<u>NONAGRICULTURAL</u>	2,128.0	2,122.7	2,099.1	2,111.4
<u>MANUFACTURING</u>	410.0	412.0	406.2	412.0
Durable Goods	187.5	188.6	182.4	186.5
Lumber & Wood Products	23.4	23.9	22.3	22.7
Furniture and Fixtures	26.4	26.3	25.9	26.1
Stone, Clay and Glass Products	12.3	12.4	12.1	12.5
Primary Metal Industries	11.6	11.8	12.2	12.6
Fabricated Metal Products	20.9	20.7	20.5	20.6
Machinery, except Electrical	14.0	14.5	14.8	15.0
Electric and Electronic Equipment	34.2	33.7	32.5	33.5
Transportation Equipment	36.8	37.4	34.3	35.8
Instruments and Related Products	4.1	4.1	4.0	3.9
Nondurable Goods	222.6	223.2	224.0	225.3
Food and Kindred Products	41.7	42.2	42.9	42.4
Tobacco Manufactures	17.0	17.0	16.7	16.5
Textile Mill Products	44.7	45.0	44.3	45.2
Apparel and Other Textile Products	34.2	33.9	34.6	35.1
Paper and Allied Products	14.3	14.3	14.6	14.6
Printing and Publishing	22.0	22.3	22.0	22.1
Chemicals and Allied Products	33.0	32.9	33.2	33.5
Leather and Leather Products	3.4	3.4	3.5	3.5
<u>MINING</u>	21.8	13.1	22.4	23.0
Bituminous Coal and Lignite Mining	18.9	10.2	19.1	19.6
<u>CONTRACT CONSTRUCTION</u>	111.6	113.0	119.6	121.8
<u>TRANSPORTATION & PUBLIC UTILITIES</u>	113.6	114.4	114.0	114.6
Railroad Transportation	11.3	11.2	14.3	14.2
Trucking and Warehousing	28.8	29.0	29.2	29.6
Transportation by Air	11.2	11.2	11.2	11.1
Communication	30.0	29.7	28.8	28.0
Electric, Gas and Sanitary Services	17.5	17.5	16.4	16.5
<u>WHOLESALE AND RETAIL TRADE</u>	458.1	455.7	443.2	442.3
Wholesale Trade	105.5	105.4	103.5	103.9
Retail Trade	354.3	350.6	341.4	338.7
General Merchandise Stores	57.9	58.2	56.2	56.4
Food Stores	56.4	55.8	53.7	53.5
<u>FINANCE, INSURANCE & REAL ESTATE</u>	106.6	107.5	103.9	105.3
Banking	30.8	31.3	30.6	31.2
Insurance Carriers	20.2	20.2	19.9	20.0
<u>SERVICES</u>	396.5	396.4	380.7	383.5
Personal Services	25.0	24.9	24.9	24.6
Business Services	77.4	76.9	74.8	75.0
<u>GOVERNMENT</u>	510.0	512.3	508.8	510.0
Federal Government	155.5	155.4	158.6	160.9
State and Local Government	353.4	357.7	349.4	349.8
<u>AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS</u>				
<u>MANUFACTURING</u>	39.7	39.4	38.8	38.7
Durable Goods	40.4	40.0	38.9	38.4
Lumber and Wood Products	38.7	38.4	36.1	36.6
Furniture and Fixtures	38.6	38.8	36.8	36.5
Household & Office Furniture	38.5	38.5	36.4	36.3
Stone, Clay & Glass Products	40.7	39.8	40.8	38.4
Primary Metal Industries	40.4	40.7	36.1	36.5
Fabricated Metal Products	41.3	41.2	40.2	40.2
Fabricated Structural Metal Products	43.0	42.9	41.9	41.7
Machinery, except Electrical	40.0	39.8	39.9	39.1
Electric and Electronic Equipment	40.1	40.7	39.2	39.5
Instruments & Related Products	37.6	40.4	40.0	40.0
Miscellaneous Manufacturing Industries	38.6	38.2	36.5	37.3
Nondurable Goods	39.2	39.0	38.7	39.0
Food & Kindred Products	39.0	38.9	37.8	38.2
Tobacco Manufactures	40.1	40.5	39.2	40.1
Cigarettes	41.0	41.7	40.0	40.6
Textile Mill Products	40.0	39.7	38.8	39.7
Weaving Mills, Cotton, Synthetics and Wool	41.5	41.2	39.8	42.2
Knitting Mills	35.4	37.2	37.3	37.0
Apparel & Other Textile Products	35.2	35.7	35.9	36.1
Men's and Boys' Suits, Coats and Furnishings	35.0	33.1	36.7	34.7
Women's and Children's Outerwear & Undergarments	34.2	36.2	34.8	36.4
Paper & Allied Products	41.9	42.9	41.5	42.4
Pulp, Paper and Paperboard	43.8	43.8	43.3	44.0
Printing and Publishing	40.0	38.9	39.4	39.2
Newspapers and Periodicals	33.0	33.8	35.8	35.2
Chemicals & Allied Products	41.4	38.0	41.2	40.7
Plastics Materials & Synthetics	41.7	41.8	41.0	40.2
Agricultural Chemicals	40.7	39.3	41.1	38.9
Leather & Leather Products	37.7	37.2	35.4	37.5

^{1/} Employment in thousands.^{2/} Preliminary

Revised to December 1978 Benchmark levels.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS ANNUAL AVERAGES 1972 - 1980 JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, In- surance and Real Estate	Services and Mis- cellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	116.1	74.4	542.8	180.1
1973	1,751.2	401.8	16.2	130.9	105.2	161.7	80.8	568.4	190.2
1974	1,804.8	402.0	16.1	133.4	107.4	168.6	84.4	586.4	199.7
1975	1,778.8	371.5	20.9	112.2	102.6	168.0	84.0	596.9	182.6
1976	1,842.3	387.8	21.8	111.8	104.3	181.7	86.1	612.8	192.8
1977	1,930.2	400.1	21.8	113.6	106.9	205.5	91.6	611.8	211.6
1978	2,032.9	409.3	20.4	129.8	107.5	228.0	97.1	652.8	282.7
1979	2,098.7	413.2	24.3	135.2	114.3	240.0	103.4	674.7	291.6
1980	2,121.8	410.7	24.0	124.6	114.8	247.5	105.6	687.1	301.2
1977:									
January	1,881.4	391.8	24.0	107.2	105.9	197.0	89.2	620.2	244.8
February	1,889.5	394.9	24.0	112.6	106.8	194.7	89.4	620.6	246.9
March	1,901.7	397.5	23.7	115.4	106.9	198.1	90.4	623.2	248.1
April	1,906.4	399.4	22.9	112.5	106.8	199.9	90.7	626.8	247.7
May	1,910.0	398.8	22.2	111.9	106.6	200.7	90.9	628.1	248.6
June	1,924.2	401.1	21.5	112.5	106.2	202.9	91.4	631.7	251.0
July	1,938.2	404.0	21.5	113.3	106.7	206.7	91.7	634.0	251.7
August	1,947.0	404.5	22.2	114.3	107.2	207.7	92.6	636.4	253.6
September	1,958.5	404.4	22.0	115.5	107.5	210.8	93.0	637.9	258.9
October	1,962.7	404.3	21.8	115.8	107.4	212.8	93.2	639.2	260.8
November	1,968.6	404.9	22.9	116.0	107.5	215.6	93.6	640.9	261.5
December	1,970.6	405.0	13.0	116.4	107.6	218.7	93.7	642.7	266.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	216.9	93.8	645.0	268.9
February	1,982.1	407.1	13.5	121.2	105.5	219.5	94.1	647.8	271.9
March	1,993.2	407.0	13.5	122.9	106.6	220.1	95.0	652.0	271.8
April	2,015.4	407.1	24.1	129.3	107.5	222.1	94.8	651.6	280.4
May	2,027.3	409.3	23.4	129.1	107.9	225.2	95.9	655.0	282.8
June	2,044.2	409.8	23.0	132.2	108.5	228.5	97.1	658.7	287.6
July	2,042.8	409.5	23.0	132.3	103.4	229.1	97.1	659.9	287.7
August	2,049.2	410.6	20.7	132.5	104.5	232.0	97.8	662.0	288.4
September	2,049.2	410.5	16.9	133.0	104.7	231.5	98.9	664.4	289.1
October	2,061.6	411.9	22.9	134.5	112.2	232.5	99.1	662.5	287.1
November	2,073.2	411.9	24.6	135.3	112.2	237.2	99.7	666.2	289.0
December	2,084.1	412.5	25.5	135.8	112.5	238.4	101.1	670.9	288.1
1979:									
January	2,096.3	414.9	28.6	134.2	114.1	240.5	101.9	671.7	288.1
February	2,080.9	407.2	26.7	128.1	113.9	240.1	102.8	674.9	287.1
March	2,096.3	411.1	26.0	135.2	114.2	241.6	102.2	677.7	286.9
April	2,089.5	412.2	24.8	133.6	112.8	241.3	101.9	675.7	289.1
May	2,092.6	412.5	23.9	135.5	112.5	240.3	102.6	674.4	292.0
June	2,088.9	411.5	22.8	136.2	114.8	236.7	102.5	671.0	292.5
July	2,092.7	413.8	22.7	136.9	114.9	237.2	103.1	669.1	293.9
August	2,095.9	413.6	23.5	137.2	114.8	237.5	103.1	669.1	293.9
September	2,103.1	415.6	22.6	137.0	115.1	238.2	103.8	672.5	296.9
October	2,110.8	415.9	22.5	135.8	115.4	240.5	105.6	676.8	299.5
November	2,116.1	415.0	23.9	135.8	114.5	244.1	105.3	680.2	300.7
December	2,120.9	415.1	25.2	137.4	114.4	242.1	105.3	681.4	301.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	249.9	106.1	686.6	300.9
February	2,141.0	419.2	26.2	133.4	115.0	252.1	106.7	687.6	301.5
March	2,133.8	419.0	25.0	129.9	114.5	247.8	106.1	686.3	302.5
April	2,114.4	417.2	24.3	123.6	115.7	241.7	105.6	682.1	306.8
May	2,111.4	412.0	23.0	121.8	114.6	242.3	105.3	683.5	310.0
June	2,099.1	406.2	22.4	119.6	114.0	243.2	103.9	680.7	308.8
July	2,090.4	399.4	22.1	119.8	114.5	244.9	104.1	683.9	301.5
August	2,105.2	402.7	23.0	119.9	114.8	249.0	104.0	685.2	306.9
September	2,119.2	406.1	23.1	121.0	114.5	249.4	104.6	687.2	313.6
October	2,128.6	409.1	22.8	121.7	116.0	249.8	106.5	691.3	312.6
November	2,132.1	409.7	24.1	122.3	114.8	249.8	107.0	694.7	312.4
December	2,144.0	411.0	25.2	123.6	114.2	250.0	107.0	696.8	316.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	256.2	107.5	692.1	311.5
February	2,160.7	410.9	25.9	122.7	116.2	260.6	108.1	692.2	311.8
March	2,154.7	413.1	25.3	119.9	114.7	257.4	108.4	699.5	312.8
April	2,129.6	412.8	13.7	115.1	114.6	256.6	108.5	697.5	311.1
May	2,122.7	412.0	13.1	113.0	114.4	255.7	107.5	696.4	312.1
June	2,128.0	410.0	21.8	111.6	113.6	258.1	106.6	696.5	310.0
July									
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

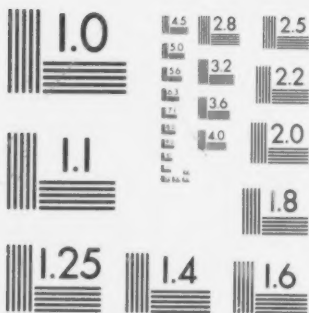
Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.



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VOLUME 31
NUMBER 8

VIRGINIA

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NORFOLK-VIRGINIA BEACH-PORTSMOUTH

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August 1981

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Commissioner
Director of Research
Editor

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Explanatory Notes

NONAGRICULTURAL EMPLOYMENT DECLINES OVER THE MONTH IN VIRGINIA

DURING JULY 1981 EMPLOYMENT DECLINED IN NONAGRICULTURAL ESTABLISHMENTS ACROSS THE STATE TO 2,145,000 - 19,300 BELOW THE ALL-TIME HIGH OF A MONTH EARLIER. While the July downtrend is not unusual, the severity of the drop equaled the decline of a year ago. Seasonal drops in the educational segment, unpaid vacations and shutdowns due to lack of business, plus slackness in construction were the prime factors contributing to the over-the-month reduction. However, with mining and railroad worker totals reaching full strength following the coal miners' strike, some of the downturn was softened. Even with the sizeable June to July loss of workers, employment was still 31,600 ahead of July 1980.

BOTH DURABLE GOODS AND NONDURABLE GOODS PRODUCERS CONTRIBUTED TO THE LOSS OF 2,200 WORKERS IN THE MANUFACTURING DIVISION. With 407,000 persons on manufacturers' payrolls, employment was the lowest it has been since February of this year. Cutbacks were widespread, while gains were sparse. For many manufacturing employers the first part of July is usually vacation time and for workers who had not accumulated enough time to cover the entire vacation period, extended plant closings were really layoffs in disguise. This situation occurred in the furniture, primary metals, apparel and textile segments. Seasonal layoffs occurred in both the food and tobacco industries. It is significant that firms that supply the building sector (lumber and wood products, stone, clay and glass products and fabricated metals) either reduced workforces or recorded no over-the-month gains. The bright spots on the manufacturing scene were electrical machinery, transportation equipment and paper and allied products. The state's 310,700 factory production workers earned \$264.32 in July. This was \$19.25 more than last year but \$3.01 less than in June 1981. Weekly hours declined eight-tenths of an hour between June and July to average 39.1 hours in July. Hourly earnings, however, rose six cents to \$6.76. A good number of wage increases were recorded but they tended to be smaller since many wage schedules are tied to price indexes, which have been slower-rising over the past few months. Trends in the major metropolitan areas were mixed with only the Roanoke SMSA registering plusses in average weekly earnings, average weekly hours and average hourly earnings.

FEWER WORKERS WERE ON GOVERNMENT PAYROLLS DURING THE JULY SURVEY PERIOD. This followed the usual June to July trend. While federal employment moved upward with increases being centered in defense installations, state and local government moved downward. Nonteaching personnel were released for the summer by both state and local educational systems. This decrease was offset partially by the hiring of young people to participate in federally funded summer youth programs. The number of enrollees was greatly reduced from previous years due to cutbacks in funding. Both permanent and parttime workers connected with the programs have been affected by reductions in grants from the federal government.

NONAGRICULTURAL EMPLOYMENT DECLINES OVER THE MONTH IN VIRGINIA

(continued from page 1)

WHOLESALE AND RETAIL ESTABLISHMENTS EXPERIENCED DECLINES IN THEIR WORKFORCES. The drop of 2,200 in staffs of wholesalers and retailers was contrary to the usual trend for this period of the year. A large number of the released workers were employed in eating and drinking places that found they had overstaffed during the spring months. Although July sales were up, they were not as sharp as they had been in each of the three previous months and merchants made reductions in workforces. Several national retailers announced closings of some stores in Virginia (mostly inner-city stores) that were not showing profits in order to channel efforts into those located in growth areas. Interest rates continue to be a deterrent to sales of items that need to be financed.

CONSTRUCTION EMPLOYMENT HELD STEADY BETWEEN MID-JUNE AND MID-JULY. During the spring months construction employment generally picks up monthly and peaks in July or August and the lack of growth over the month was unusual. While the need for residential building remains, high interest rates leave contractors without buyers for their products. Office buildings are still moving ahead but contracts for stores and other commercial buildings are expected to be flat for the year. Declines in highway and road construction have also been reported.

The return to full strength of railroad and mining workers after a labor dispute boosted employment in these divisions by almost 2,000. Increases (+600) were also noted in the finance, insurance and real estate portion of the economy. Services also had a very modest increase (+200).

THE BUREAU OF LABOR STATISTICS' PRODUCERS PRICE INDEX for all commodities in July was 296.0 (1967=100), up 0.5 percent over the month and 11.4 percent more than a year earlier. The index for finished goods increased 0.5 percent to 271.3 in July. The over-the-year increment was 8.8 percent.

THE ALL URBAN CONSUMER'S PRICE INDEX rose 1.1 percent in July. The index (U. S. City Average) at 274.4 (1967=100) was up 10.7 percent over July 1980. The Urban Wage Earners and Clerical Workers Index rose 1.2 percent to 274.6 (1967=100) in July 1981 for an over-the-year increase of 10.7 percent.

Consumer Price Index data for July 1981 will be released on September 24, 1981 and may be obtained by calling (804) 786-4490.

Table B-1.

LABOR FORCE ESTIMATES ^{1/}

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed ^{2/}			Unemployed			Per Cent of Labor Force		
	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980	June 1981	May 1981	June 1980
United States	107,621,000	106,347,000	106,067,000	99,341,000	98,803,000	97,776,000	8,279,000	7,545,000	8,291,000	7.7	7.1	7.8
Virginia	2,607,000	2,559,200	2,575,400	2,449,300	2,421,000	2,431,600	157,700	138,200	143,800	6.0	5.4	5.6
Bristol Area	39,690	39,390	39,720	37,160	37,020	37,060	2,530	2,370	2,660	6.4	6.0	6.7
Lynchburg SMSA	77,020	76,310	77,500	72,400	72,270	73,330	4,620	4,040	4,170	6.0	5.3	5.4
Newport News-Hampton SMSA	178,780	173,470	171,440	167,160	163,820	161,680	11,620	9,650	9,760	6.5	5.6	5.7
Norfolk-Virginia Beach-Portsmouth SMSA	341,830	334,340	333,630	318,960	314,750	310,550	22,870	19,590	23,080	6.7	5.9	6.9
Northern Virginia Area	591,800	578,900	573,800	567,100	559,400	552,900	24,700	19,500	20,900	4.2	3.4	3.6
Petersburg-Colonial Heights-Hopewell SMSA	60,970	59,540	63,330	56,350	55,440	59,010	4,620	4,100	4,320	7.6	6.9	6.8
Richmond SMSA	339,970	335,940	334,770	325,090	323,100	320,770	14,880	12,840	14,000	4.4	3.8	4.2
Roanoke SMSA	111,770	109,900	112,640	105,550	104,230	107,490	6,220	5,670	5,150	5.6	5.2	4.6

^{1/} All data adjusted to a place-of-residence basis^{2/} Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL 1/	2,145.0	2,164.3	2,113.4	- 19.3	31.6
MANUFACTURING	407.0	409.2	399.4	- 2.2	7.6
Durable Goods	187.2	187.9	180.1	- .7	7.1
Lumber and Wood Products	24.3	24.3	22.8	0	1.5
Millwork, Plywood and Structural Members	6.7	6.6	6.1	.1	.6
Wood Containers	2.0	1.0	1.8	.1	.2
Wood Buildings and Mobile Homes	3.1	3.1	3.2	0	.1
Miscellaneous Wood Products	2.1	2.1	2.0	0	.1
Furniture and Fixtures	25.8	26.1	22.0	- .3	3.8
Household and Office Furniture	24.2	24.5	20.2	- .3	4.0
Stone, Clay and Glass Products	12.5	12.6	12.4	- .1	.1
Structural Clay Products	1.0	.9	.9	.1	.1
Concrete Gypsum and Plaster Products	7.3	7.3	7.2	0	.1
Glass and Glass Products	1.7	1.7	1.6	0	.1
Primary Metal Industries	10.4	11.6	10.0	- 1.2	.4
Fabricated Metal Products	20.8	20.7	20.4	.1	.4
Fabricated Structural Metal Products	12.8	12.9	12.9	- .1	.1
Machinery, except Electrical	14.2	14.2	15.1	0	-.9
Construction and Related Machinery	4.3	4.0	4.4	.3	.1
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	2.1	2.0	1.9	.1	.2
Electric and Electronic Equipment	34.5	33.9	33.2	.6	1.3
Communication Equipment	11.7	11.6	11.5	.1	.2
Electronic Components and Accessories	5.8	5.5	5.4	.3	.4
Transportation Equipment	37.2	36.9	36.8	.3	.4
Instruments and Related Products	4.1	4.1	4.0	0	.1
Miscellaneous Manufacturing Industries	3.4	3.5	3.4	- .1	0
Nondurable Goods	219.8	221.3	219.3	- 1.5	.5
Food and Kindred Products	39.9	40.2	42.0	- .3	2.1
Meat Products	12.6	13.2	13.7	- .6	1.1
Dairy Products	3.0	3.0	2.6	0	.4
Preserved Fruits and Vegetables	2.0	1.7	3.5	.3	1.5
Bakery Products	4.9	4.9	5.0	0	.1
Beverages	5.8	5.7	5.8	.1	0
Tobacco Manufactures	15.8	16.1	15.6	- .3	.2
Cigarettes	14.2	14.2	13.8	0	.4
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	1.2	1.5	1.4	- .3	.2
Textile Mill Products	44.8	45.0	42.8	- .2	2.0
Weaving Mills, Cotton, Synthetics and Wool	18.9	18.9	18.5	0	.4
Narrow Fabric Mills	1.0	1.0	.6	0	.4
Knitting Mills	14.1	14.2	13.1	- .1	1.0
Textile Finishing, except Wool	4.9	4.9	4.6	0	.3
Yarn and Thread Mills	3.0	3.2	3.0	- .2	0
Miscellaneous Textile Goods	1.3	1.2	1.2	.1	.1
Apparel and Other Textile Products	33.8	34.5	34.3	- .7	.5
Men's and Boys' Suits, Coats and Furnishings	12.5	12.7	13.6	- .2	1.1
Women's and Children's Outerwear & Undergarments	17.6	18.1	17.0	- .5	.6
Miscellaneous Fabricated Textile Products	1.8	1.8	1.7	0	.1
Paper and Allied Products	14.6	14.4	14.6	.2	0
Pulp, Paper and Paperboard	7.9	7.7	7.8	.2	.1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.0	6.0	6.1	0	.1
Miscellaneous Converted Paper Products	2.3	2.4	2.5	- .1	.2
Paperboard Containers and Boxes	3.7	3.6	3.6	.1	.1
Printing and Publishing	22.1	22.1	21.8	0	.3
Newspapers and Periodicals	8.2	8.3	8.5	- .1	.3
Commercial Printing	8.3	8.2	8.1	.1	.2
Chemicals and Allied Products	33.0	33.1	32.8	- .1	.2
Industrial Inorganic Chemicals	.8	.8	.8	0	0
Plastics Materials and Synthetics	19.5	19.6	19.4	- .1	.1
Drugs	2.8	2.8	2.7	0	.1
Agricultural Chemicals	1.5	1.6	1.6	- .1	.1
Miscellaneous Chemical Products	3.6	3.5	3.3	.1	.3
Petroleum, Rubber and Misc. Plastics Products	12.2	12.3	11.8	- .1	.4
Miscellaneous Plastics Products	5.7	5.8	5.4	- .1	.3
Rubber and Rubber Products	6.2	6.2	6.0	0	.2
Leather and Leather Products	3.6	3.6	3.6	0	0

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
(Continued from page 4)					
<u>NONMANUFACTURING</u>	1,738.0	1,755.1	1,714.0	- 17.1	24.0
Mining	24.0	23.5	24.0	.5	0
Bituminous Coal and Lignite Mining	21.1	20.6	20.7	.5	.4
Construction	119.0	119.0	129.2	0	- 10.2
Transportation and Public Utilities	118.6	117.2	115.4	1.4	3.2
Railroad Transportation	14.8	13.0	13.8	1.8	1.0
Trucking and Warehousing	29.5	29.7	29.7	- .2	- .2
Transportation by Air	11.2	11.2	11.0	0	.2
Communication	30.2	30.3	29.4	- .1	.8
Electric, Gas and Sanitary Services	17.6	17.6	16.6	0	1.0
Wholesale and Retail Trade	459.9	462.1	447.6	- 2.2	12.3
Wholesale	105.6	106.2	104.3	- .6	1.3
Wholesale Trade Durable Goods	64.1	64.2	63.9	- .1	.2
Wholesale Trade Nondurable Goods	41.5	42.0	40.4	- .5	1.1
Retail	354.3	355.9	343.3	- 1.6	11.0
General Merchandise Stores	55.4	56.2	54.3	- .8	1.1
Department Stores	40.4	41.2	40.3	- .8	.1
Variety Stores	9.3	9.2	8.7	.1	.6
Food Stores	56.6	56.9	54.6	- .3	2.0
Automotive Dealers and Service Stations	46.6	46.5	46.5	.1	.1
Furniture and Home Furnishings Stores	15.7	15.5	15.5	.2	.2
Miscellaneous Retail	43.5	43.6	43.0	- .1	.5
Finance, Insurance and Real Estate	109.6	109.0	106.7	.6	2.9
Banking	31.6	31.4	31.3	.2	.3
Insurance Carriers	20.3	20.4	20.0	- .1	.3
Real Estate	25.4	25.1	23.7	.3	1.7
Services	408.5	408.3	394.6	.2	13.9
Personal Services	24.7	25.0	24.6	- .3	.1
Business Services	78.7	78.6	76.6	.1	2.1
Auto and Miscellaneous Repair Service	18.8	18.7	18.6	.1	.2
Health Services	105.7	105.2	101.5	.5	4.2
Government	498.4	516.0	496.5	- 17.6	1.9
Federal Government	159.5	158.6	158.2	.9	1.3
State and Local Government	338.9	357.4	338.3	- 18.5	.6
State Government	113.1	117.2	115.7	- 4.1	- 2.6
Local Government	225.8	240.2	222.6	- 14.4	3.2

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS

BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1970 - 1980

JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, In- surance and Real Estate	Services and Mis- cellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	385.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.3	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.5	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.3	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.8	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	135.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,118.1	408.8	23.9	110.9	114.1	446.0	106.6	391.9	515.9
April	2,123.2	407.8	13.5	114.4	113.7	454.0	107.5	397.9	516.4
May	2,131.2	408.7	13.5	115.9	114.5	455.7	107.5	400.0	515.4
June	2,164.3	409.2	23.5	119.0	117.2	462.1	109.0	408.3	516.0
July	2,145.0	407.0	24.0	119.0	118.6	459.9	109.6	408.5	498.4
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
<u>NONAGRICULTURAL</u> 1/	904.3	917.0	880.1	- 12.7	24.2
<u>MANUFACTURING</u>	144.7	145.3	142.8	- .6	1.9
Durable Goods	45.7	45.5	44.2	.2	1.5
Lumber and Wood Products	4.3	4.3	4.0	0	.3
Furniture and Fixtures	8.9	9.1	8.6	- .2	.3
Stone, Clay and Glass Products	1.3	1.3	1.4	0	- .1
Primary Metal Industries	1.9	1.9	1.9	0	0
Fabricated Metal Products	3.6	3.6	3.4	0	.2
Machinery, except Electrical	2.3	2.3	2.4	0	- .1
Electric and Electronic Equipment	15.5	15.3	14.9	.2	.6
Transportation Equipment	5.0	4.9	4.9	.1	.1
Instruments and Related Products	1.7	1.7	1.6	0	.1
Miscellaneous Manufacturing Industries	1.2	1.1	1.1	.1	.1
Nondurable Goods	99.0	99.8	98.6	- .8	.4
Food and Kindred Products	14.3	14.3	15.1	0	- .8
Tobacco Manufactures	5.1	5.3	5.3	- .2	- .2
Textile Mill Products	24.6	24.7	23.6	- .1	1.0
Apparel and Other Textile Products	30.4	31.0	30.8	- .6	- .4
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	8.0	7.9	7.6	.1	.4
Chemicals and Allied Products	8.7	8.6	8.3	.1	.4
Petroleum, Rubber and Misc. Plastics Products	2.7	2.8	2.6	- .1	.1
Leather and Leather Products	2.7	2.7	2.8	0	- .1
<u>NONMANUFACTURING</u>	759.6	771.7	737.3	- 12.1	22.3
Mining	.6	.6	.6	0	0
Construction	8.1	7.8	7.9	.3	.2
Transportation and Public Utilities	29.6	29.5	28.5	.1	1.1
Wholesale and Retail Trade	191.0	192.1	184.9	- 1.1	6.1
Wholesale Trade	21.1	20.9	20.6	.2	.5
Retail Trade	169.9	171.2	164.3	- 1.3	5.6
Finance, Insurance and Real Estate	63.1	62.8	60.8	.3	2.3
Services	226.5	226.0	218.1	.5	8.4
Government	240.7	252.9	236.5	- 12.2	4.2
Federal Government	57.8	57.1	56.3	.7	1.5
State and Local Government	182.9	195.8	180.2	- 12.9	2.7

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A - 4.

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
MANUFACTURING	310.7	312.9	303.9	- 2.2	6.8
Durable Goods	140.9	141.6	134.4	- .7	6.5
Lumber and Wood Products	20.7	20.7	19.4	0	1.3
Millwork, Plywood and Structural Members	5.6	5.5	5.1	.1	.5
Wood Containers	1.8	1.7	1.7	.1	.1
Wood Buildings and Mobile Homes	2.2	2.2	2.3	0	.1
Miscellaneous Wood Products	1.8	1.9	1.8	-.1	0
Furniture and Fixtures	21.8	22.0	18.0	-.2	3.8
Household and Office Furniture	20.5	20.8	16.8	-.3	3.7
Stone, Clay and Glass Products	9.9	9.9	9.8	0	.1
Structural Clay Products	.8	.7	.7	.1	.1
Concrete Gypsum and Plaster Products	5.8	5.9	5.7	-.1	.1
Glass and Glass Products	1.3	1.3	1.3	0	0
Primary Metal Industries	5.2	6.2	4.8	- 1.0	.4
Fabricated Metal Products	13.6	13.5	13.2	.1	.4
Fabricated Structural Metal Products	7.5	7.5	7.6	0	-.1
Machinery, except Electrical	9.6	9.7	10.5	-.1	-.9
Construction and Related Machinery	2.4	2.3	2.6	.1	-.2
Special Industry Machinery	1.4	1.4	1.5	0	-.1
Refrigeration and Service Machinery	1.4	1.3	1.2	.1	.2
Electric and Electronic Equipment	23.1	22.8	22.2	.3	.9
Communication Equipment	7.4	7.3	7.1	.1	.3
Electronic Components and Accessories	3.5	3.5	3.5	0	0
Transportation Equipment	31.9	31.7	31.5	.2	.4
Instruments and Related Products	2.4	2.4	2.4	0	0
Miscellaneous Manufacturing Industries	2.7	2.7	2.6	0	.1
Nondurable Goods	169.8	171.3	169.5	- 1.5	.3
Food and Kindred Products	28.9	29.3	30.5	-.4	- 1.6
Meat Products	10.8	11.4	11.8	-.6	- 1.0
Dairy Products	1.6	1.6	1.3	0	.3
Preserved Fruits and Vegetables	1.5	1.3	2.8	.2	- 1.3
Bakery Products	2.5	2.5	2.5	0	0
Beverages	2.5	2.4	2.3	.1	.2
Tobacco Manufactures	11.1	11.4	11.3	-.3	-.2
Cigarettes	10.3	10.3	10.2	0	.1
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	.5	.8	.8	-.3	-.3
Textile Mill Products	40.2	40.3	38.1	-.1	2.1
Weaving Mills, Cotton, Synthetics and Wool	16.6	16.6	16.2	0	.4
Narrow Fabric Mills	1.0	1.0	.6	0	.4
Knitting Mills	13.1	13.1	12.1	0	1.0
Textile Finishing, except Wool	4.5	4.5	4.2	0	.3
Yarn and Thread Mills	2.7	2.9	2.7	-.2	0
Miscellaneous Textile Goods	1.1	1.1	1.0	0	.1
Apparel and Other Textile Products	30.6	31.3	31.4	-.7	-.8
Men's and Boys' Suits, Coats and Furnishings	11.4	11.5	12.6	-.1	- 1.2
Women's and Children's Outerwear & Undergarments	16.2	16.6	15.6	-.4	.6
Miscellaneous Fabricated Textile Products	1.4	1.4	1.3	0	.1
Paper and Allied Products	11.0	10.8	11.0	.2	0
Pulp, Paper and Paperboard	5.5	5.4	5.4	.1	.1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	5.0	5.0	0	0
Miscellaneous Converted Paper Products	2.0	2.1	2.1	-.1	-.1
Paperboard Containers and Boxes	3.0	2.9	2.9	.1	.1
Printing and Publishing	13.1	13.1	12.8	0	.3
Newspapers and Periodicals	2.9	3.0	3.0	-.1	-.1
Commercial Printing	6.4	6.3	6.3	.1	.1
Chemicals and Allied Products	22.3	22.4	22.2	-.1	.1
Industrial Inorganic Chemicals	.4	.4	.4	0	0
Plastics Materials and Synthetics	14.2	14.3	13.9	-.1	.3
Drugs	1.4	1.4	1.2	0	.2
Agricultural Chemicals	.8	.9	1.0	-.1	-.2
Miscellaneous Chemical Products	2.4	2.4	2.2	0	.2
Petroleum, Rubber and Misc. Plastics Products	9.3	9.4	8.9	-.1	.4
Miscellaneous Plastics Products	4.2	4.3	3.9	-.1	.3
Rubber and Rubber Products	4.9	4.9	4.7	0	.2
Leather and Leather Products	3.3	3.3	3.3	0	0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	29.1	29.2	27.5	- .1	1.6
MANUFACTURING	9.7	9.7	8.9	0	.8
Durable Goods	4.7	4.7	4.5	0	.2
Lumber and Wood Products and Furniture and Fixtures	.2	.2	.3	0	-.1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.2	2.2	2.0	0	.2
Other Durable Goods 1/	2.0	2.0	1.9	0	.1
Nondurable Goods	5.0	5.0	4.4	0	.6
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	1.7	0	.4
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.4	0	.1
NONMANUFACTURING	19.4	19.5	18.6	- .1	.8
Construction	1.6	1.5	1.4	.1	.2
Transportation & Public Utilities	1.3	1.3	1.1	0	.2
Trade	6.8	6.8	6.5	0	.3
Wholesale Trade	1.7	1.7	1.6	0	.1
Retail Trade	5.1	5.1	4.9	0	.2
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.9	3.8	3.7	.1	.2
Government	4.6	5.1	4.9	-.3	-.1
State and Local Government	4.5	4.8	4.5	-.3	0

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	68.4	71.0	69.3	- 2.6	-.9
MANUFACTURING	27.6	29.0	27.2	- 1.4	.4
Durable Goods	17.0	18.2	16.5	- 1.2	.5
Lumber and Wood Products and Furniture and Fixtures	3.9	4.0	3.8	-.1	.1
Other Durable Goods 1/	13.1	14.2	12.7	- 1.1	.4
Nondurable Goods	10.6	10.8	10.7	-.2	-.1
Food and Kindred Products	1.8	1.8	1.6	0	.2
Textile Mill Products	1.8	1.8	1.8	0	0
Apparel & Other Textile Products	2.4	2.5	2.7	-.1	-.3
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.5	3.6	3.6	-.1	-.1
NONMANUFACTURING	40.8	42.0	42.1	- 1.2	- 1.3
Construction	3.5	3.4	3.9	.1	-.4
Transportation and Public Utilities	2.6	2.7	2.8	-.1	-.2
Wholesale and Retail Trade	11.1	11.4	11.6	-.3	-.5
Wholesale Trade	2.2	2.3	2.2	-.1	0
Retail Trade	8.9	9.1	9.4	-.2	-.5
Finance, Insurance and Real Estate	3.6	3.6	3.7	0	-.1
Services and Mining	10.5	10.5	10.7	0	-.2
Government	9.5	10.4	9.4	-.9	-.1

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	158.1	159.9	155.9	- 1.8	2.2
MANUFACTURING	35.5	3.56	3.46	- .1	.9
Durable Goods	28.7	28.9	28.1	- .2	.6
Stone, Clay & Glass Products	.5	.6	.6	- .1	.1
Transportation Equipment	24.7	24.7	24.0	0	.7
Other Durable Goods 1/	3.5	3.6	3.5	- .1	0
Nondurable Goods	6.8	6.7	6.5	.1	.3
Food & Kindred Products	3.0	3.0	3.0	0	0
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.6	0	0
Printing and Publishing	1.2	1.1	1.1	.1	.1
Other Nondurable Goods 2/	2.0	2.0	1.8	0	.2
NONMANUFACTURING	122.6	124.3	121.3	- 1.7	1.3
Construction	7.2	7.3	7.7	- .1	.5
Transportation and Public Utilities	5.3	5.2	5.3	.1	0
Wholesale and Retail Trade	30.0	29.0	29.2	.1	.8
Wholesale Trade	3.4	3.3	3.3	.1	.1
Retail Trade	26.6	26.6	25.9	0	.7
Finance, Insurance and Real Estate	5.3	5.3	5.3	0	0
Services and Mining	32.7	32.8	31.3	- .1	1.4
Government	42.1	43.8	42.5	- 1.7	.4
Federal Government	17.7	17.6	17.4	.1	.3
State and Local Government	24.4	26.2	25.1	- 1.8	.7

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	292.9	293.4	285.0	- .5	7.9
MANUFACTURING	29.2	28.7	29.8	.5	-.6
Durable Goods	17.4	17.2	17.7	.2	-.3
Lumber & Wood Products	1.6	1.6	1.7	0	-.1
Stone, Clay and Glass Products	1.9	1.9	1.8	0	.1
Fabricated Metal Products	1.0	1.0	1.0	0	0
Fabricated Structural Metal Products	N/A	N/A	N/A	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	7.4	7.2	7.6	.2	-.2
Other Durable Goods 1/	4.2	4.2	4.4	0	-.2
Nondurable Goods	11.8	11.5	12.1	.3	-.3
Food and Kindred Products	6.0	5.7	6.0	.3	0
Apparel & Other Textile Products	.8	.8	.9	0	-.1
Printing and Publishing	2.4	2.4	2.5	0	-.1
Chemicals and Allied Products	1.2	1.2	1.3	0	-.1
Agricultural Chemicals	.6	.6	.6	0	0
Other Nondurable Goods 2/	1.4	1.4	1.4	0	0
NONMANUFACTURING	263.7	264.7	255.2	- 1.0	8.5
Construction	16.7	16.4	16.5	-.3	.2
Transportation & Public Utilities	19.6	19.7	19.3	- .1	.3
Railroads	1.4	1.1	1.4	.3	0
Wholesale and Retail Trade	73.5	73.4	69.3	.1	4.2
Wholesale Trade	14.2	14.4	14.5	-.2	-.3
Retail Trade	59.3	59.0	54.8	.3	4.5
Finance, Insurance & Real Estate	15.1	15.0	14.7	.1	.4
Banking	4.4	4.4	4.4	0	0
Insurance Carriers and Agents	3.1	3.1	3.1	0	0
Services and Mining	59.9	59.7	55.8	.2	4.1
Personal Services	4.4	4.4	4.2	0	.2
Government	78.9	80.5	79.6	- 1.6	.7
Federal Government	37.6	37.3	36.9	.3	.7
State & Local Government	41.3	43.2	42.7	- 1.9	1.4

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	445.6	448.3	432.6	- 2.5	13.2
MANUFACTURING	18.1	17.8	17.0	.3	1.1
Durable Goods	10.6	10.4	10.2	.2	.4
Stone, Clay and Glass Products	.9	.9	1.0	0	.1
Fabricated Metal Products	1.1	1.2	1.1	-.1	0
Machinery, except Electrical	.7	.7	.7	0	0
Electric and Electronic Equipment	5.7	5.5	5.4	.2	.3
Other Durable Goods 1/	2.2	2.1	2.0	.1	.2
Nondurable Goods	7.5	7.4	6.8	.1	.7
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.8	4.8	4.4	0	.4
Other Nondurable Goods 2/	1.6	1.5	1.3	.1	.3
NONMANUFACTURING	427.7	430.5	415.6	- 2.8	12.1
Mining	.4	.3	.4	.1	0
Construction	29.4	29.4	27.9	0	1.5
Transportation & Public Utilities	29.3	29.3	29.8	0	.5
Transportation By Air	8.0	8.1	8.7	-.1	.7
Electric, Gas & Sanitary Service	3.7	3.7	3.5	0	.2
Wholesale and Retail Trade	102.2	102.4	98.1	-.2	4.1
Wholesale Trade	18.1	18.1	18.5	0	.4
Retail Trade	84.1	84.3	79.6	-.2	4.5
General Merchandise Stores	12.5	12.8	11.5	-.3	1.0
Food Stores	9.4	9.3	9.3	.1	.1
Auto. Dealers & Service Stations	12.4	12.3	12.1	.1	.3
Apparel & Accessory Stores	5.3	5.4	5.2	-.1	.1
Eating & Drinking Places	25.2	25.2	23.4	0	1.8
Finance, Insurance & Real Estate	28.7	28.6	27.5	.1	1.2
Banking	6.3	6.2	6.0	.1	.3
Services	116.9	117.4	114.5	-.5	2.4
Business Services	40.6	40.6	40.0	0	.6
Government	120.8	123.1	117.4	- 2.3	3.4
Federal Government	70.5	70.1	68.6	.4	1.9
State and Local Government	50.3	53.0	48.8	- 2.7	1.5

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	44.9	47.0	48.8	- 2.1	- 3.9
MANUFACTURING	11.0	11.3	11.7	-.3	-.7
Durable Goods	2.3	2.5	2.7	-.2	-.4
Lumber and Wood Products and Furniture & Fixtures	.7	.6	.5	.1	.2
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.2	.2	0	0
Other Durable Goods 1/	1.2	1.5	1.8	-.3	-.6
Nondurable Goods	8.7	8.8	9.0	-.1	-.3
Food and Kindred Products	.4	.4	.3	0	.1
Textile Mill Products and Apparel & Other	1.1	1.1	1.1	0	0
Textile Products	3.4	3.4	3.5	0	-.1
Chemicals and Allied Products	3.8	3.9	4.1	-.1	-.3
Other Nondurable Goods 2/					
NONMANUFACTURING	33.9	35.7	37.1	- 1.8	- 3.2
Construction	7.5	7.5	7.9	0	- 1.4
Transportation and Public Utilities	1.4	1.3	1.5	-.1	.1
Wholesale and Retail Trade	8.3	8.5	8.1	-.2	.2
Wholesale Trade	3.2	3.2	3.2	0	0
Retail Trade	5.1	5.3	4.9	-.2	.2
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.5	6.6	6.2	-.1	.3
Government	13.9	15.3	16.1	- 1.4	- 2.2
Federal Government	5.0	5.0	6.1	0	- 1.1
State and Local Government	8.9	10.3	10.0	- 1.4	- 1.1

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	327.4	332.7	322.7	- 5.3	4.7
MANUFACTURING	56.4	56.4	54.8	0	1.6
Durable Goods	17.9	17.9	17.8	0	.1
Lumber & Wood Products	1.4	1.5	1.4	- .1	0
Furniture & Fixtures	2.2	2.2	2.1	0	.1
Stone, Clay & Glass Products	1.3	1.4	1.2	- .1	0
Fabricated Metal Products	2.6	2.5	2.6	.1	0
Fabricated Structural Metal Products	1.9	1.8	1.8	.1	.1
Machinery, except Electrical	2.2	2.1	2.1	.1	.1
Other Durable Goods 1/	8.2	8.2	8.4	0	-.2
Nondurable Goods	38.5	38.5	37.0	0	1.5
Food & Kindred Products	4.2	4.2	4.2	0	0
Bakery Products	1.8	1.8	1.8	0	0
Tobacco Manufactures	12.6	12.7	11.8	- .1	.8
Cigarettes	11.8	11.8	11.2	0	.6
Tobacco Stemming & Redrying	.5	.5	.2	0	-.2
Apparel & Other Textile Products	4.2	4.2	4.1	0	.1
Paper & Allied Products	5.3	5.3	5.2	0	.1
Printing and Publishing	3.0	3.0	2.9	0	.1
Commercial Printing	7.9	7.8	7.4	.1	.5
Chemicals & Allied Products	2.2	2.1	2.0	.1	.2
Other Nondurable Goods 2/					
NONMANUFACTURING	271.0	276.3	267.9	- 5.3	3.1
Mining	.3	.3	.4	0	-.1
Construction	16.4	16.6	17.2	- .2	.8
Transportation & Public Utilities	20.3	20.3	19.8	0	.5
Wholesale & Retail Trade	74.8	75.0	72.8	- .2	2.0
Wholesale Trade	22.2	22.2	22.1	0	.1
Retail Trade	52.6	52.8	50.7	- .2	1.9
General Merchandise Stores	10.2	10.5	10.3	- .3	.1
Food Stores	7.4	7.5	7.1	- .1	.3
Auto Dealers & Service Stations	5.7	5.7	5.6	0	.1
Finance, Insurance & Real Estate	27.0	27.0	27.0	0	0
Insurance Carriers and Agents	10.6	10.5	10.4	.1	.2
Services	62.1	62.4	60.0	- .3	2.1
Government	70.1	70.7	70.7	- 4.6	-.6
Federal Government	8.1	8.0	8.2	.1	-.1
State & Local Government	62.0	66.7	62.5	- 4.7	-.5

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	July 1981	June 1981	July 1980	June 1981	July 1980
NONAGRICULTURAL	104.1	104.4	105.2	- .3	1.1
MANUFACTURING	20.9	21.1	21.1	- .2	.2
Durable Goods	12.2	12.3	12.3	- .1	.1
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.5	2.5	2.6	0	-.1
Fabricated Structural Metal Products	1.2	1.2	1.3	0	-.1
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.6	6.7	6.6	- .1	0
Nondurable Goods	8.7	8.8	8.8	- .1	.1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.6	1.7	1.6	- .1	0
Apparel & Other Textile Products	.9	.9	.9	0	0
Printing and Publishing	2.7	2.6	2.6	.1	-.1
Other Nondurable Goods 2/					
NONMANUFACTURING	83.2	83.3	84.1	- .1	-.2
Mining	.1	.1	.1	0	0
Construction	5.2	5.5	6.8	- .3	1.6
Transportation & Public Utilities	9.6	8.9	9.6	.7	0
Wholesale & Retail Trade	26.0	25.8	25.4	.2	.6
Wholesale Trade	7.4	7.3	7.3	.1	.1
Retail Trade	18.6	18.5	18.1	.1	.5
Finance, Insurance & Real Estate	6.4	6.4	6.3	0	.1
Services	20.1	20.2	19.8	- .1	.3
Government	15.8	16.4	16.1	- .6	-.3
Federal Government	3.1	3.1	3.3	.1	-.2
State & Local Government	12.7	13.3	12.8	- .6	-.1

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	\$264.32	\$267.33	\$245.07	39.1	39.9	38.9	\$6.76	\$6.70	\$6.30
Durable Goods	267.18	270.14	251.66	39.7	40.5	39.2	6.73	6.67	6.42
Lumber and Wood Products	197.69	203.97	174.10	37.8	39.3	37.2	5.23	5.19	4.68
Furniture and Fixtures	179.40	181.70	153.79	39.0	39.5	35.6	4.60	4.60	4.32
Household and Office Furniture	179.40	181.24	151.20	39.0	39.4	35.0	4.60	4.60	4.32
Stone, Clay and Glass Products	245.78	243.14	228.14	39.2	39.6	39.2	6.27	6.14	5.82
Structural Clay Products	195.94	230.26	196.06	36.9	43.2	38.9	5.31	5.33	5.04
Glass and Glass Products	268.81	251.29	259.75	39.3	40.4	39.9	6.84	6.22	6.51
Primary Metal Industries	355.66	369.08	327.62	39.3	41.1	37.4	9.05	8.98	8.76
Fabricated Metal Products	301.64	327.61	308.02	37.8	40.9	41.4	7.98	8.01	7.44
Fabricated Structural Metal Products	326.32	328.79	307.87	42.6	42.7	42.7	7.66	7.70	7.21
Machinery, except Electrical	288.80	288.55	259.69	39.4	39.8	40.2	7.33	7.25	6.46
Construction and Related Machinery	304.88	275.88	246.77	41.2	38.0	38.8	7.40	7.26	6.36
Special Industry Machinery	298.88	339.08	261.00	37.5	41.1	36.1	7.97	8.25	7.23
Refrigeration and Service Machinery	276.05	324.08	260.16	39.1	44.7	41.1	7.06	7.25	6.33
Electric and Electronic Equipment	277.50	271.08	247.29	39.7	40.1	38.7	6.99	6.76	6.39
Communication Equipment	283.85	288.80	276.31	38.1	39.4	39.7	7.45	7.33	6.96
Instruments and Related Products	1) 184.53	1) 189.12	210.26	35.9	37.9	39.3	1) 5.14	1) 4.99	5.35
Miscellaneous Manufacturing Industries	225.72	218.57	168.64	39.6	39.1	31.0	5.70	5.59	5.44
Nondurable Goods	261.80	264.77	239.32	38.5	39.4	38.6	6.80	6.72	6.20
Food and Kindred Products	241.55	245.94	224.26	38.1	39.1	38.8	6.34	6.29	5.78
Tobacco Manufactures	396.75	411.48	385.93	36.2	38.1	39.3	10.96	10.80	9.82
Cigarettes	409.14	427.39	403.52	36.4	38.4	39.6	11.24	11.13	10.19
Textile Mill Products	210.54	214.65	197.39	39.8	40.5	39.4	5.29	5.30	5.01
Weaving Mills, Cotton, Synthetics and Wool	233.79	233.52	211.70	41.6	41.7	40.4	5.62	5.60	5.24
Knitting Mills	181.76	181.76	178.78	37.4	37.4	38.2	4.86	4.86	4.68
Yarn and Thread Mills	194.46	202.06	167.48	42.0	42.9	39.5	4.63	4.71	4.24
Miscellaneous Textile Goods	233.52	232.78	209.48	42.0	42.4	39.6	5.56	5.49	5.29
Apparel and Other Textile Products	159.00	162.50	146.14	35.1	36.6	35.3	4.53	4.44	4.14
Men's and Boys' Suits, Coats and Furnishings	174.08	171.70	163.92	35.6	36.3	38.3	4.89	4.73	4.28
Women's and Children's Outerwear & Undergarments	144.91	152.51	134.06	33.7	35.8	33.1	4.30	4.26	4.05
Paper and Allied Products	354.45	346.94	322.28	41.7	41.8	41.8	8.50	8.30	7.71
Pulp, Paper and Paperboard	417.48	414.64	394.11	42.0	43.6	43.5	9.94	9.51	9.06
Misc. Converted Paper and Paperboard Products, Containers and Boxes	287.32	274.51	247.78	41.4	39.9	39.9	6.94	6.88	6.21
Printing and Publishing	324.63	325.59	287.62	38.6	38.9	37.5	8.41	8.37	7.67
Newspapers and Periodicals	258.63	254.65	243.78	33.2	32.9	34.0	7.79	7.74	7.17
Chemical and Allied Products	350.78	354.28	314.42	40.6	41.1	39.6	8.64	8.62	7.94
Plastic Materials and Synthetics	367.57	369.46	317.17	41.3	41.7	39.4	8.90	8.86	8.05
Agricultural Chemicals	261.21	248.40	212.04	41.2	40.0	37.2	6.34	6.21	5.70
Leather and Leather Products	142.30	152.08	140.16	36.3	38.6	38.4	3.92	3.94	3.65

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	\$217.80	\$216.81	\$206.27	36.3	36.5	36.9	\$6.00	\$5.94	\$5.59
Durable Goods	278.90	270.47	247.50	39.9	39.6	39.1	6.99	6.83	6.33
Fabricated Metal Products	1) 339.18	1) 314.83	333.16	38.5	38.3	39.9	1) 8.81	1) 8.22	8.35
Machinery and Transportation Equipment	261.55	267.81	240.00	40.3	40.7	40.0	6.49	6.58	6.00
Nondurable Goods	155.18	162.32	155.48	32.6	33.4	33.8	4.76	4.86	4.60
Food and Kindred Products	190.74	196.18	180.62	33.7	34.0	32.9	5.66	5.77	5.49
Apparel and Other Textile Products	123.11	130.93	122.20	30.1	31.1	32.5	4.09	4.21	3.76

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	\$274.32	\$269.84	\$241.96	41.5	40.7	39.6	\$6.61	\$6.63	\$6.11
Durable Goods	285.32	281.18	259.77	40.3	40.4	40.4	7.08	6.96	6.43
Lumber and Wood Products and Furniture and Fixtures	170.94	179.17	169.30	35.1	37.8	39.1	4.87	4.74	4.33
Nondurable Goods	261.19	253.79	220.02	43.1	41.2	38.6	6.06	6.16	5.70
Food and Kindred Products	1) 262.25	1) 258.07	222.38	1) 40.1	1) 39.4	39.5	1) 6.54	1) 6.55	5.63
Textile Mill Products	216.12	225.68	223.11	38.8	40.3	40.2	5.57	5.60	5.55
Apparel and Other Textile Products	152.44	151.20	122.62	37.0	37.8	32.7	4.12	4.00	3.75
Paper and Allied Products	380.77	377.95	350.09	50.3	49.6	49.8	7.57	7.62	7.03

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 18,800 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of over-time work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	\$290.79	\$288.23	\$261.88	40.5	41.0	39.5	\$7.18	\$7.03	\$6.63
Durable Goods	315.12	311.44	277.46	41.3	42.2	39.3	7.63	7.38	7.06
Lumber and Wood Products	230.89	267.72	200.58	37.3	47.3	38.5	6.19	5.66	5.21
Stone, Clay, and Glass Products	278.26	253.37	208.95	40.8	39.1	35.0	6.82	6.48	5.97
Fabricated Metal Products	217.15	232.16	239.57	37.7	38.5	43.4	5.76	6.03	5.52
Machinery, except Electrical	260.30	252.28	230.08	40.8	41.7	39.6	6.38	6.05	5.81
Transportation Equipment	389.39	384.12	341.14	44.4	44.0	41.3	8.77	8.73	8.26
Nondurable Goods	245.07	246.87	233.81	38.9	39.0	39.9	6.30	6.33	5.86
Food and Kindred Products	238.00	243.00	231.68	40.0	40.5	42.2	5.95	6.00	5.49
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	245.15	242.18	204.56	37.2	37.9	33.7	6.59	6.39	6.07

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,300 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	\$292.39	\$289.25	\$271.21	39.3	39.3	38.8	\$7.44	\$7.36	\$6.99
Durable Goods	282.05	279.57	256.46	40.7	40.4	39.7	6.93	6.92	6.46
Stone, Clay, and Glass Products	254.31	242.42	221.74	38.3	36.4	38.1	6.64	6.66	5.82
Fabricated Metal Products	315.88	318.38	265.28	42.4	43.2	39.3	7.45	7.37	6.75
Electric and Electronic Equipment	1) 290.37	1) 290.07	287.85	41.9	42.1	41.9	1) 6.93	1) 6.89	6.87
Nondurable Goods	306.68	302.73	288.33	37.4	37.7	37.3	8.20	8.03	7.73
Food and Kindred Products	310.80	318.20	310.16	40.0	40.9	41.8	7.77	7.78	7.42

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,500 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for over-time work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	\$293.36	\$341.88	\$300.99	34.8	40.7	39.5	\$8.43	\$8.40	\$7.62
Durable Goods	1) 175.90	1) 202.31	176.47	1) 36.8	1) 40.3	38.7	1) 4.78	1) 5.02	4.56
Lumber and Wood Products and Furniture and Fixtures	1) 217.98	1) 270.05	134.74	1) 41.6	1) 49.1	33.6	1) 5.24	1) 5.50	4.01
Nondurable Goods	321.39	381.07	338.24	34.3	40.8	39.7	9.37	9.34	8.52
Food & Kindred Products	223.00	216.12	225.22	39.4	38.8	40.8	5.66	5.57	5.52
Chemicals & Allied Products	392.08	430.92	371.33	37.7	42.0	39.8	10.40	10.26	9.33

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,800 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	\$340.95	\$352.00	\$315.12	39.1	40.0	39.0	\$8.72	\$8.80	\$8.08
Durable Goods	309.66	328.44	299.15	39.0	40.8	40.1	7.94	8.05	7.46
Lumber and Wood Products	186.94	196.00	189.66	36.8	39.2	41.5	5.08	5.00	4.57
Furniture and Fixtures	173.53	189.68	178.79	37.0	39.6	38.7	4.69	4.79	4.62
Primary Metal Industries	503.87	556.50	489.98	40.7	42.0	40.9	12.38	13.25	11.98
Fabricated Metal Products	369.02	415.52	357.75	38.4	42.4	39.4	9.61	9.80	9.08
Fabricated Structural Metal Products	405.73	466.96	398.19	38.9	43.6	40.1	10.43	10.71	9.93
Nondurable Goods	353.98	354.12	323.26	39.2	39.7	38.9	9.03	8.92	8.31
Food and Kindred Products	222.58	250.92	206.91	35.9	40.8	36.3	6.20	6.15	5.70
Tobacco Manufactures	421.09	423.29	406.46	37.8	38.1	39.5	11.14	11.11	10.29
Cigarettes	429.75	428.24	413.12	38.2	38.1	39.8	11.25	11.24	10.38
Apparel and Other Textile Products	181.80	187.46	153.51	40.4	41.2	35.7	4.50	4.55	4.30
Paper and Allied Products	314.11	307.34	282.50	40.9	40.6	40.3	7.68	7.57	7.01
Printing and Publishing	350.74	346.63	309.82	38.5	38.6	37.6	9.11	8.98	8.24
Chemicals and Allied Products	391.55	384.56	348.40	41.0	40.1	40.0	9.55	9.59	8.71

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for over-time work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
MANUFACTURING	\$264.22	\$246.87	\$223.68	40.4	39.0	38.9	\$6.54	\$6.33	\$5.75
Durable Goods	268.96	250.19	223.49	41.0	39.4	38.8	6.56	6.35	5.76
Fabricated Metal Products	259.53	247.25	215.03	42.2	40.6	39.6	6.15	6.09	5.43
Fabricated Structural Metal Products	275.82	254.52	219.45	43.3	40.4	39.9	6.37	6.30	5.50
Nondurable Goods	258.84	242.94	224.62	39.7	38.5	39.2	6.52	6.31	5.73
Food and Kindred Products	260.45	269.06	243.45	43.7	44.4	45.0	5.96	6.06	5.41
Textile Mill Products	188.86	181.55	175.12	38.7	36.9	37.5	4.88	4.92	4.67

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for over-time work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
	July 1981	June 1981	July 1980	Worker With No Dependents			Married Worker With Three Dependents		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
Virginia	\$264.32	\$267.33	\$245.07	\$207.87	\$209.95	\$195.79	\$227.19	\$229.46	\$213.96
Bristol Area	217.80	216.81	206.27	175.33	174.16	168.06	192.05	191.28	184.20
Lynchburg SMSA	274.32	269.84	241.96	214.65	211.64	193.62	234.73	231.35	211.79
Norfolk-Virginia Beach-Portsmouth SMSA	290.79	288.23	261.88	225.75	224.02	207.54	247.14	245.21	226.72
Northern Virginia Area	292.39	289.25	271.21	226.82	225.71	213.97	248.35	245.98	233.80
Petersburg-Colonial Heights-Hopewell SMSA	293.36	341.88	300.99	227.48	258.79	234.18	249.08	284.56	256.39
Richmond SMSA	340.95	352.00	315.12	258.20	265.20	243.48	283.89	291.88	266.84
Roanoke SMSA	264.22	246.87	223.68	207.80	195.76	180.75	227.12	214.05	197.74

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT ^{1/} IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	July 1981	June 1981	July 1980	June 1980
<u>NONAGRICULTURAL</u>	2,121.7	2,130.2	2,090.4	2,039.1
<u>MANUFACTURING</u>	407.0	409.6	399.4	406.2
Durable Goods	186.1	187.2	179.0	182.4
Lumber & Wood Products	23.8	23.4	22.3	22.3
Furniture and Fixtures	26.5	26.4	22.6	25.9
Stone, Clay and Glass Products	12.2	12.2	12.1	12.1
Primary Metal Industries	10.6	11.6	10.2	12.2
Fabricated Metal Products	20.8	20.8	20.4	20.5
Machinery, except Electrical	14.0	14.0	14.9	14.8
Electric and Electronic Equipment	34.5	34.0	33.2	32.5
Transportation Equipment	36.5	36.8	36.1	34.3
Instruments and Related Products	4.0	4.1	4.0	4.0
Nondurable Goods	220.9	222.6	220.4	224.0
Food and Kindred Products	40.1	41.7	42.2	42.9
Tobacco Manufactures	16.5	17.0	16.3	16.7
Textile Mill Products	44.8	44.9	42.8	44.3
Apparel and Other Textile Products	34.1	34.2	34.6	34.6
Paper and Allied Products	14.5	14.3	14.5	14.6
Printing and Publishing	22.0	22.0	21.7	22.0
Chemicals and Allied Products	32.7	32.9	32.5	33.2
Leather and Leather Products	3.5	3.4	3.5	3.5
<u>MINING</u>	22.1	21.8	22.1	22.4
Bituminous Coal and Lignite Mining	19.3	18.9	19.0	19.1
<u>CONTRACT CONSTRUCTION</u>	110.4	111.6	119.8	119.6
<u>TRANSPORTATION & PUBLIC UTILITIES</u>	117.6	115.6	114.5	114.0
Railroad Transportation	15.2	13.0	14.2	14.3
Trucking and Warehousing	28.8	28.9	28.9	29.2
Transportation by Air	11.1	11.2	10.9	11.2
Communication	29.9	30.1	29.1	28.8
Electric, Gas and Sanitary Services	17.4	17.5	16.4	16.4
<u>WHOLESALE AND RETAIL TRADE</u>	457.2	458.9	444.9	443.2
Wholesale Trade	105.3	105.8	104.0	103.5
Retail Trade	351.8	354.8	340.9	341.4
General Merchandise Stores	57.6	58.1	56.4	56.2
Food Stores	56.2	56.4	54.2	53.7
<u>FINANCE, INSURANCE & REAL ESTATE</u>	106.9	106.6	104.1	103.9
Banking	31.2	31.0	30.9	30.6
Insurance Carriers	20.2	20.3	19.9	19.9
<u>SERVICES</u>	397.0	396.8	383.5	380.7
Personal Services	25.2	25.2	25.2	24.9
Business Services	76.8	77.2	74.7	74.8
<u>GOVERNMENT</u>	503.4	509.4	501.5	508.8
Federal Government	157.6	156.1	156.3	158.6
State and Local Government	345.1	352.5	344.5	349.4
<u>AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS</u>				
<u>MANUFACTURING</u>	39.2	39.6	39.0	38.8
Durable Goods	40.1	40.3	39.6	38.9
Lumber and Wood Products	37.0	38.6	37.2	36.1
Furniture and Fixtures	38.2	39.3	34.9	36.8
Household & Office Furniture	34.2	39.2	34.2	36.4
Stone, Clay & Glass Products	39.2	39.4	40.9	40.8
Primary Metal Industries	39.6	41.0	37.7	36.1
Fabricated Metal Products	38.2	40.6	41.9	40.2
Fabricated Structural Metal Products	43.3	42.5	43.4	41.9
Machinery, except Electrical	40.5	39.6	41.4	39.9
Electric and Electronic Equipment	39.9	40.0	38.9	39.2
Instruments & Related Products	36.4	37.4	39.8	40.0
Miscellaneous Manufacturing Industries	40.7	38.3	31.9	36.5
Nondurable Goods	38.6	39.0	38.7	38.7
Food & Kindred Products	37.3	38.6	38.0	37.8
Tobacco Manufactures	36.2	37.2	40.0	39.2
Cigarettes	36.1	38.0	40.1	40.0
Textile Mill Products	39.4	40.0	39.0	38.8
Weaving Mills, Cotton, Synthetics and Wool	41.8	41.7	40.6	39.8
Knitting Mills	36.6	36.2	37.4	37.3
Apparel & Other Textile Products	35.0	35.5	35.2	35.9
Men's and Boys' Suits, Coats and Furnishings	34.5	35.0	36.7	36.7
Women's and Children's Outerwear & Undergarments	33.9	34.8	32.9	34.8
Paper & Allied Products	42.4	42.2	42.5	41.5
Pulp, Paper and Paperboard	42.8	44.4	44.4	43.3
Printing and Publishing	38.8	39.4	37.3	39.4
Newspapers and Periodicals	33.8	32.8	35.3	35.8
Chemicals & Allied Products	40.9	41.0	39.9	41.2
Plastics Materials & Synthetics	41.2	41.3	39.4	41.0
Agricultural Chemicals	43.9	40.7	39.6	41.1
Leather & Leather Products	35.8	37.7	37.8	35.4

^{1/} Employment in thousands.^{2/} Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS ANNUAL AVERAGES 1972 - 1980 JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	316.1	74.1	242.8	380.1
1973	1,751.2	401.8	15.2	130.9	105.2	361.7	80.8	266.4	400.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.1	387.8	21.8	111.8	104.3	381.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,012.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.1	135.2	114.3	440.0	103.4	374.7	493.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.5	105.6	387.1	507.7
1977:									
January	1,881.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.1	90.4	321.2	447.7
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.1	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.1	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.1	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.1
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.1
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.1	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	446.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.5	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	123.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	456.2	107.5	402.1	513.5
February	2,160.7	410.9	25.9	122.7	116.2	460.6	108.1	402.2	511.8
March	2,156.7	411.3	25.1	119.9	114.7	457.4	108.4	399.5	512.8
April	2,129.6	412.8	13.7	115.1	114.6	456.6	108.5	397.5	511.3
May	2,122.7	412.0	13.1	113.0	114.4	455.7	107.5	396.4	512.3
June	2,130.2	409.6	21.8	111.6	115.6	458.9	106.6	396.8	509.4
July	2,121.7	407.0	22.1	110.4	117.6	457.2	106.9	397.0	503.4
August									
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

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EMPLOYMENT HOURS AND EARNINGS

VOLUME 31
NUMBER 9

VIRGINIA

BRISTOL

ROANOKE

RICHMOND

LYNCHBURG

NORTHERN VIRGINIA

NEWPORT NEWS-HAMPTON

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL



September 1981

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NONFARM EMPLOYMENT PICTURE BRIGHTENS SECOND HIGHEST MONTH ON RECORD

EMPLOYMENT IN NONAGRICULTURAL ESTABLISHMENTS ACROSS THE COMMONWEALTH REGISTERED A PLUS 1,300 IN AUGUST 1981 AND RAISED THE WORKER COUNT TO 2,151,500. This was the second highest figure on record and was exceeded only by June 1981's total of 2,164,300. Increases in manufacturing, trade and mining were the bright spots of the employment picture while shadows were cast by declines in services, government, construction and transportation and public utilities. The hue of finance, insurance and real estate's worker total remained unchanged over the month. While the economy continued to resist recessionary trends, resilience was reflected in some ways while teetering in others. Housing and autos remained trouble spots while firms in energy, high technology and defense displayed evidence of being good performers.

MANUFACTURERS UPPED THEIR PAYROLLS BY 1,900 TO 408,500 IN AUGUST. Much of this increase stems from the return to work of persons who were on unpaid vacations during the July reference period. In the durable goods division, furniture and primary metals had increases because of this. However, among nondurable goods producers, textile and apparel workers who were off for vacations returned to their jobs but further reductions were posted in August as different plants noted cutbacks and unpaid vacations. Despite new contract awards to shipyards, the transportation equipment sector moved down due to problems in truck plants. Also, industries that supply building materials experienced retrenchment in employment due to the slackness of construction. Seasonal hirings made by food and tobacco processors allowed nondurable goods to show an over-the-month rise. The state's 311,800 factory production workers received an average weekly earning of \$270.28 in August. This was \$4.11 more than in July and \$22.54 above a year ago. The average workweek rose two-tenths of an hour between July and August to average 39.4 hours. Hourly earnings averaged \$6.86 - up seven cents over July 1981 and 54 cents ahead of August 1980. Weekly earnings in the major metropolitan areas were both up and down over the month with the Petersburg Area showing the greatest rise - a plus \$19.52. Trends of weekly hours and hourly earnings were also mixed in the areas.

TRADE ESTABLISHMENTS, BOTH WHOLESALE AND RETAIL, AUGMENTED THEIR STAFFS TO A LEVEL THAT WAS SECOND ONLY TO THE DECEMBER 1980 PEAK. Since retail inventories in July were unusually high, merchants tried to stimulate buying with end-of-summer and back-to-school sales. Gains were generally small but widespread among department stores, variety stores, apparel shops and miscellaneous retail stores. Sales of big items that required financing remained sluggish due to continuing high interest rates. While the finance, insurance and real estate division maintained last month's level of employment, consumers of credit were cautious of taking on new debt and the number of customers with credit cards has decreased.

SERVICES AND GOVERNMENT EMPLOYMENT WERE ON THE WANE DURING AUGUST. The languid performance of services was primarily the result of a

NONFARM EMPLOYMENT PICTURE BRIGHTENS SECOND HIGHEST MONTH ON RECORD

(continued from page 1)

less than hoped for tourist season. Government's receding workforce was the result of air controllers leaving their jobs and cutbacks in federal spending. State and local government felt the pressure of reduced funds. However, local government employment was up due to school systems preparing for the fall term.

THE TRANSPORTATION AND PUBLIC UTILITIES PORTION OF THE ECONOMY, AS WELL AS CONSTRUCTION, WAS ALSO ON THE DOWNTREND. Reduced air traffic and fewer stevedores being used were the causative factors behind transportation's drop. The doldrums of construction remained and the August decrease was unusual since good summer weather normally permits builders to accelerate activity. Construction's crunch remains the same old story - too high interest rates and too tight mortgage money.

THE BUREAU OF LABOR STATISTICS' PRODUCERS PRICE INDEX for all commodities in August was 296.2 (1967 100), up 0.1 percent over the month and 8.4 percent over a year earlier. The index for finished goods in August 1981 was 271.2, while in July the index was 271.3 (1967 100). This was a 7.9 percent increase over August 1980.

THE ALL URBAN CONSUMER PRICE INDEX rose 0.8 percent in August. The index (U. S. City Average) at 276.5 (1967-100) was up 10.9 percent over August 1980. The Urban Wage Earners and Clerical Workers Index rose 0.7 percent to 276.5 (1967 100) in August 1981 for an over-the-year increase of 10.8 percent.

THE SEPTEMBER 1981 CONSUMER PRICE INDEX DATA will be released on October 23, 1981 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES ^{1/}

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed ^{2/}			Unemployed			Per Cent of Labor Force		
	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980	July 1981	June 1981	July 1980
United States	108,408,000	107,621,000	106,997,000	100,474,000	99,341,000	98,587,000	7,934,000	8,279,000	8,410,000	7.3	7.7	7.9
Virginia	2,567,200	2,599,800	2,567,100	2,415,500	2,442,200	2,421,800	151,700	157,600	145,300	5.9	6.1	5.7
Bristol Area	39,620	39,480	39,760	36,630	36,960	36,830	2,990	2,520	2,930	7.6	6.4	7.9
Lynchburg SMSA	73,420	76,710	76,410	69,010	72,080	71,220	4,410	4,630	5,190	6.0	6.0	6.8
Newport News-Hampton SMSA	174,200	177,550	172,100	163,390	165,920	162,950	10,810	11,630	9,150	6.2	6.5	5.3
Norfolk-Virginia Beach- Portsmouth SMSA	337,420	341,030	331,600	316,670	318,180	311,810	20,750	22,850	19,790	6.1	6.7	6.0
Northern Virginia Area	585,600	589,400	576,700	563,200	564,800	556,800	22,400	24,600	19,900	3.8	4.2	3.5
Petersburg-Colonial Heights- Hopewell SMSA	58,010	60,810	62,870	53,440	56,180	58,690	4,570	4,630	4,180	7.9	7.6	6.6
Richmond SMSA	332,700	339,900	330,200	318,440	324,920	317,640	14,260	14,980	12,560	4.3	4.4	3.8
Roanoke SMSA	111,640	111,980	113,910	105,110	105,740	107,450	6,530	6,240	6,460	5.8	5.6	5.7

^{1/} All data adjusted to a place-of-residence basis^{2/} Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL 1/	2,151.5	2,150.2	2,124.1	1.3	27.4
MANUFACTURING	408.5	406.6	405.5	1.9	3.0
Durable Goods	188.1	186.9	184.9	1.2	3.2
Lumber and Wood Products	24.1	24.3	23.0	- .2	1.1
Millwork, Plywood and Structural Members	6.5	6.7	6.1	- .2	.4
Wood Containers	1.9	2.0	1.9	- .1	0
Wood Buildings and Mobile Homes	3.1	3.1	3.3	0	-.2
Miscellaneous Wood Products	2.1	2.1	2.0	0	.1
Furniture and Fixtures	26.0	25.7	25.3	.3	.7
Household and Office Furniture	24.3	24.1	23.7	.2	.6
Stone, Clay and Glass Products	12.6	12.5	12.4	.1	.2
Structural Clay Products	.8	.9	.9	- .1	.1
Concrete Gypsum and Plaster Products	7.3	7.3	7.2	0	.1
Glass and Glass Products	1.7	1.7	1.6	0	.1
Primary Metal Industries	11.6	10.4	11.4	1.2	.2
Fabricated Metal Products	20.8	20.8	20.4	0	.4
Fabricated Structural Metal Products	12.9	12.8	12.9	.1	0
Machinery, except Electrical	14.3	14.2	15.2	.1	-.9
Construction and Related Machinery	4.2	4.3	4.6	- .1	-.4
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	2.1	2.1	1.9	0	.2
Electric and Electronic Equipment	34.3	34.4	33.1	- .1	1.2
Communication Equipment	11.7	11.7	11.3	0	.4
Electronic Components and Accessories	5.8	5.8	5.2	0	.6
Transportation Equipment	36.9	37.1	36.6	- .2	.3
Instruments and Related Products	4.1	4.1	4.0	0	.1
Miscellaneous Manufacturing Industries	3.4	3.4	3.5	0	-.1
Nondurable Goods	220.4	219.7	220.6	.7	-.2
Food and Kindred Products	40.3	39.9	41.2	.4	-.9
Meat Products	13.1	12.6	13.3	.5	-.2
Dairy Products	3.0	3.0	2.6	0	.4
Preserved Fruits and Vegetables	2.5	2.0	3.2	.5	-.7
Bakery Products	4.8	4.9	4.9	- .1	.1
Beverages	5.9	5.8	5.8	.1	.1
Tobacco Manufactures	17.2	15.7	16.5	1.5	.7
Cigarettes	14.1	14.1	13.7	0	.4
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	2.7	1.2	2.4	1.5	.3
Textile Mill Products	44.4	44.8	44.5	- .4	.1
Weaving Mills, Cotton, Synthetics and Wool	18.6	18.9	18.9	- .3	-.3
Narrow Fabric Mills	1.0	1.0	1.1	0	.1
Knitting Mills	14.1	14.1	13.9	0	.2
Textile Finishing, except Wool	4.8	4.9	4.7	- .1	.1
Yarn and Thread Mills	3.1	3.0	3.0	.1	.1
Miscellaneous Textile Goods	1.3	1.3	1.2	0	.1
Apparel and Other Textile Products	33.4	34.1	33.6	- .7	-.2
Men's and Boys' Suits, Coats and Furnishings	12.3	12.6	13.7	- .3	1.4
Women's and Children's Outerwear & Undergarments	17.4	17.7	16.2	- .3	1.2
Miscellaneous Fabricated Textile Products	1.7	1.8	1.6	- .1	.1
Paper and Allied Products	14.5	14.6	14.4	- .1	.1
Pulp, Paper and Paperboard	7.9	7.8	7.7	.1	.2
Misc. Converted Paper and Paperboard					
Products, Containers and Boxes	5.9	6.0	6.0	- .1	.1
Miscellaneous Converted Paper Products	2.3	2.3	2.4	0	.1
Paperboard Containers and Boxes	3.6	3.7	3.6	- .1	0
Printing and Publishing	21.8	22.1	22.0	- .3	-.2
Newspapers and Periodicals	8.3	8.2	8.6	.1	.3
Commercial Printing	8.0	8.3	8.2	- .3	-.2
Chemicals and Allied Products	33.1	33.0	32.8	.1	.3
Industrial Inorganic Chemicals	.8	.8	.8	0	0
Plastics Materials and Synthetics	19.5	19.5	19.4	0	.1
Drugs	2.8	2.8	2.7	0	.1
Agricultural Chemicals	1.5	1.5	1.5	0	0
Miscellaneous Chemical Products	3.6	3.6	3.3	0	.3
Petroleum, Rubber and Misc. Plastics Products	12.1	11.9	11.9	.2	.2
Miscellaneous Plastics Products	5.9	5.7	5.5	.2	.4
Rubber and Rubber Products	5.8	5.9	6.0	- .1	-.2
Leather and Leather Products	3.6	3.6	3.7	0	.1

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
(Continued from page 4)					
<u>NONMANUFACTURING</u>	1,743.0	1,743.6	1,718.6	.6	24.4
Mining	24.1	23.9	23.9	.2	.2
Bituminous Coal and Lignite Mining	21.3	21.1	20.7	.2	.6
Construction	118.8	119.2	129.4	-.4	-10.6
Transportation and Public Utilities	118.6	118.9	115.5	-.3	3.1
Railroad Transportation	15.0	15.0	14.4	0	.6
Trucking and Warehousing	29.5	29.4	29.6	.1	-.1
Transportation by Air	11.1	11.2	11.0	-.1	.1
Communication	30.2	30.2	29.3	0	.9
Electric, Gas and Sanitary Services	17.7	17.7	16.6	0	1.1
Wholesale and Retail Trade	464.2	462.6	451.2	1.6	13.0
Wholesale	106.0	105.7	105.3	.3	.7
Wholesale Trade Durable Goods	64.1	64.0	64.1	.1	0
Wholesale Trade Nondurable Goods	41.9	41.7	41.2	.2	.7
Retail	358.2	356.9	345.9	1.3	12.3
General Merchandise Stores	56.1	55.6	54.5	.5	1.6
Department Stores	40.8	40.7	40.3	.1	.5
Variety Stores	9.5	9.2	8.9	.3	.6
Food Stores	56.5	56.6	54.8	-.1	1.7
Automotive Dealers and Service Stations	46.6	46.4	46.8	.2	-.2
Furniture and Home Furnishings Stores	15.8	15.7	15.6	.1	.2
Miscellaneous Retail	44.1	43.6	43.2	.5	.9
Finance, Insurance and Real Estate	109.5	109.5	106.6	0	2.9
Banking	31.7	31.6	31.3	.1	.4
Insurance Carriers	20.3	20.3	19.8	0	.5
Real Estate	25.3	25.3	23.7	0	1.6
Services	409.7	410.9	395.2	1.2	14.5
Personal Services	24.6	24.6	24.4	0	.2
Business Services	79.2	79.3	76.6	-.1	2.6
Auto and Miscellaneous Repair Service	18.7	18.8	18.6	-.1	.1
Health Services	105.9	105.6	102.1	.3	3.8
Government	498.1	498.6	496.8	-.5	1.3
Federal Government	158.8	159.6	156.0	-.8	2.8
State and Local Government	339.3	339.0	340.8	.3	-1.5
State Government	112.8	113.1	115.6	-.3	-2.8
Local Government	226.5	225.9	225.2	.6	1.3

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS

BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1970 - 1980

JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, In- surance and Real Estate	Services and Mis- cellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.9	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,118.1	408.8	23.9	110.9	114.1	446.0	106.6	391.9	515.9
April	2,123.2	407.8	13.5	114.4	113.7	452.0	107.5	397.9	516.4
May	2,131.2	408.7	13.5	115.9	114.5	455.7	107.5	400.0	515.4
June	2,164.3	409.2	23.5	119.0	117.2	462.1	109.0	408.3	516.0
July	2,150.2	406.6	23.9	119.2	118.9	462.6	109.5	410.9	498.6
August	2,151.5	408.5	24.1	118.8	118.6	464.2	109.5	409.7	498.1
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government total prior to that period.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
<u>NONAGRICULTURAL</u> 1/	908.4	908.1	883.5	.3	24.9
<u>MANUFACTURING</u>	144.3	144.4	142.8	- .1	1.5
Durable Goods	45.7	45.5	44.1	.2	1.6
Lumber and Wood Products	4.3	4.3	4.1	0	.2
Furniture and Fixtures	8.9	8.9	8.6	0	.3
Stone, Clay and Glass Products	1.4	1.3	1.3	.1	.1
Primary Metal Industries	2.0	1.9	2.0	.1	0
Fabricated Metal Products	3.6	3.6	3.4	0	.2
Machinery, except Electrical	2.3	2.3	2.4	0	.1
Electric and Electronic Equipment	15.4	15.4	14.8	0	.6
Transportation Equipment	4.8	4.9	4.8	- .1	0
Instruments and Related Products	1.8	1.7	1.6	.1	.2
Miscellaneous Manufacturing Industries	1.2	1.2	1.1	0	.1
Nondurable Goods	98.6	98.9	98.7	- .3	- .1
Food and Kindred Products	14.4	14.2	14.7	.2	.3
Tobacco Manufactures	5.7	5.2	5.5	.5	.2
Textile Mill Products	24.3	24.6	24.4	- .3	- .1
Apparel and Other Textile Products	29.9	30.5	30.1	- .6	- .2
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	7.9	7.9	7.7	0	.2
Chemicals and Allied Products	8.7	8.7	8.4	0	.3
Petroleum, Rubber and Misc. Plastics Products	2.6	2.6	2.6	0	0
Leather and Leather Products	2.6	2.7	2.8	- .1	- .2
<u>NONMANUFACTURING</u>	764.1	763.7	740.7	.4	23.4
Mining	.7	.7	.6	0	.1
Construction	8.0	8.0	7.8	0	.2
Transportation and Public Utilities	29.6	29.7	29.4	- .1	1.2
Wholesale and Retail Trade	195.3	194.0	186.5	1.3	8.8
Wholesale Trade	21.6	21.3	20.6	.3	1.0
Retail Trade	173.7	172.7	165.9	1.0	7.8
Finance, Insurance and Real Estate	63.0	63.0	60.9	0	2.1
Services	226.7	227.7	218.6	- 1.0	8.1
Government	240.8	240.6	237.9	.2	2.9
Federal Government	57.5	57.7	55.5	- .2	2.0
State and Local Government	183.3	182.9	182.4	.4	.9

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A - 4.

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
MANUFACTURING	311.8	310.3	309.4	1.5	2.4
Durable Goods	141.4	140.6	138.9	.8	2.5
Lumber and Wood Products	20.5	20.6	19.5	-.1	1.0
Millwork, Plywood and Structural Members	5.5	5.6	5.0	-.1	.5
Wood Containers	1.8	1.8	1.6	0	.2
Wood Buildings and Mobile Homes	2.2	2.2	2.5	0	.3
Miscellaneous Wood Products	1.8	1.9	1.8	-.1	0
Furniture and Fixtures	21.9	21.6	21.3	.3	.6
Household and Office Furniture	20.7	20.4	20.2	.3	.5
Stone, Clay and Glass Products	9.8	9.8	9.7	0	.1
Structural Clay Products	.7	.7	.8	0	.1
Concrete Gypsum and Plaster Products	5.8	5.8	5.7	0	.1
Glass and Glass Products	1.3	1.3	1.3	0	0
Primary Metal Industries	6.3	5.2	6.0	1.1	.3
Fabricated Metal Products	13.6	13.6	13.2	0	.4
Fabricated Structural Metal Products	7.5	7.4	7.5	.1	0
Machinery, except Electrical	9.6	9.6	10.6	0	1.0
Construction and Related Machinery	2.4	2.5	2.8	-.1	.4
Special Industry Machinery	1.4	1.4	1.5	0	.1
Refrigeration and Service Machinery	1.4	1.4	1.2	0	.2
Electric and Electronic Equipment	23.0	23.2	22.3	-.2	.7
Communication Equipment	7.4	7.4	7.0	0	.4
Electronic Components and Accessories	3.6	3.6	3.3	0	.3
Transportation Equipment	31.5	31.8	31.3	-.3	.2
Instruments and Related Products	2.5	2.5	2.4	0	.1
Miscellaneous Manufacturing Industries	2.7	2.7	2.6	0	.1
Nondurable Goods	170.4	169.7	170.5	.7	-.1
Food and Kindred Products	29.2	28.8	29.7	.4	.5
Meat Products	11.2	10.8	11.4	.4	.2
Dairy Products	1.6	1.6	1.3	0	.3
Preserved Fruits and Vegetables	2.0	1.5	2.5	.5	.5
Bakery Products	2.3	2.4	2.5	-.1	.2
Beverages	2.5	2.5	2.4	0	.1
Tobacco Manufactures	12.5	11.1	12.2	1.4	.3
Cigarettes	10.4	10.3	10.2	.1	.2
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	1.8	.5	1.7	1.3	.1
Textile Mill Products	39.8	40.2	39.8	-.4	0
Weaving Mills, Cotton, Synthetics and Wool	16.3	16.6	16.6	-.3	.3
Narrow Fabric Mills	1.0	1.0	1.0	0	0
Knitting Mills	13.0	13.1	12.8	-.1	.2
Textile Finishing, except Wool	4.4	4.5	4.3	-.1	.1
Yarn and Thread Mills	2.8	2.7	2.7	.1	.1
Miscellaneous Textile Goods	1.1	1.1	1.1	0	0
Apparel and Other Textile Products	30.2	30.9	30.4	-.7	.2
Men's and Boys' Suits, Coats and Furnishings	11.2	11.5	12.6	-.3	1.4
Women's and Children's Outerwear & Undergarments	16.0	16.3	14.7	-.3	1.3
Miscellaneous Fabricated Textile Products	1.4	1.4	1.2	0	.2
Paper and Allied Products	10.9	11.0	10.9	-.1	0
Pulp, Paper and Paperboard	5.5	5.5	5.4	0	.1
Misc. Converted Paper and Paperboard					
Products, Containers and Boxes	4.9	5.0	4.9	-.1	0
Miscellaneous Converted Paper Products	2.0	2.0	2.0	0	0
Paperboard Containers and Boxes	2.9	3.0	2.9	-.1	0
Printing and Publishing	12.9	13.1	12.8	-.2	.1
Newspapers and Periodicals	3.0	2.9	3.0	.1	0
Commercial Printing	6.2	6.4	6.4	-.2	.2
Chemicals and Allied Products	22.5	22.4	22.3	.1	.2
Industrial Inorganic Chemicals	.4	.4	.4	0	0
Plastics Materials and Synthetics	14.4	14.3	14.2	.1	.2
Drugs	1.4	1.4	1.3	0	.1
Agricultural Chemicals	.7	.8	.9	-.1	.2
Miscellaneous Chemical Products	2.4	2.4	2.2	0	.2
Petroleum, Rubber and Misc. Plastics Products	9.2	9.0	9.0	.2	.2
Miscellaneous Plastics Products	4.4	4.2	4.0	.2	.4
Rubber and Rubber Products	4.6	4.6	4.7	0	.1
Leather and Leather Products	3.2	3.2	3.4	0	.2

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the payperiod including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	29.0	28.9	28.1	.1	.9
MANUFACTURING	9.6	9.7	9.3	-.1	.3
Durable Goods	4.6	4.7	4.6	-.1	0
Lumber and Wood Products and Furniture and Fixtures	.2	.2	.3	0	-.1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.1	2.2	2.1	-.1	0
Other Durable Goods 1/	2.0	2.0	1.9	0	.1
Nondurable Goods	5.0	5.0	4.7	0	.3
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.1	2.1	2.0	0	.1
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.4	0	.1
NONMANUFACTURING	19.4	19.2	18.8	.2	.6
Construction	1.6	1.6	1.4	0	.2
Transportation & Public Utilities	1.3	1.3	1.1	0	.2
Trade	6.9	6.7	6.6	.2	.3
Wholesale Trade	1.7	1.7	1.7	0	0
Retail Trade	5.2	5.0	4.9	.2	.3
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.9	3.8	3.8	.1	.1
Government	4.7	4.6	4.9	-.1	-.2
State and Local Government	4.4	4.5	4.5	-.1	-.1

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	70.3	68.7	71.1	1.6	-.8
MANUFACTURING	29.0	27.6	28.6	1.4	.4
Durable Goods	18.7	17.0	18.4	1.7	.3
Lumber and Wood Products and Furniture and Fixtures	4.2	3.9	4.0	.3	.2
Other Durable Goods 1/	14.5	13.1	14.4	1.4	.1
Nondurable Goods	10.3	10.6	10.2	-.3	.1
Food and Kindred Products	1.8	1.8	1.7	0	.1
Textile Mill Products	1.8	1.8	1.6	0	.2
Apparel & Other Textile Products	2.2	2.4	2.3	-.2	-.1
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.4	3.5	3.6	-.1	-.2
NONMANUFACTURING	41.3	41.1	42.5	.2	1.2
Construction	3.5	3.5	4.1	0	-.6
Transportation and Public Utilities	2.6	2.6	2.6	0	-.2
Wholesale and Retail Trade	11.2	11.2	11.6	0	-.4
Wholesale Trade	2.2	2.2	2.2	0	0
Retail Trade	9.0	9.0	9.4	0	-.4
Finance, Insurance and Real Estate	3.7	3.6	3.7	.1	0
Services and Mining	10.5	10.5	10.7	0	-.2
Government	9.8	9.7	9.6	.1	.2

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	159.0	158.6	155.3	.4	3.7
MANUFACTURING	35.2	35.4	34.8	-.2	.4
Durable Goods	28.4	28.6	28.3	-.2	.1
Stone, Clay & Glass Products	.5	.5	.6	0	.1
Transportation Equipment	24.5	24.6	24.2	-.1	.3
Other Durable Goods 1/	3.4	3.5	3.5	-.1	-.1
Nondurable Goods	6.8	6.8	6.5	0	.3
Food & Kindred Products	3.0	3.0	3.0	0	0
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.6	0	0
Printing and Publishing	1.2	1.2	1.1	0	.1
Other Nondurable Goods 2/	2.0	2.0	1.8	0	.2
NONMANUFACTURING	123.8	123.2	120.5	.6	3.3
Construction	7.4	7.3	7.4	.1	0
Transportation and Public Utilities	5.3	5.4	5.3	-.1	0
Wholesale and Retail Trade	30.1	29.9	29.4	.2	.7
Wholesale Trade	3.5	3.4	3.4	.1	.1
Retail Trade	26.6	26.5	26.0	.1	.6
Finance, Insurance and Real Estate	5.4	5.3	5.3	.1	.1
Services and Mining	33.6	33.2	30.7	.4	2.9
Government	42.0	42.1	42.4	-.1	-.4
Federal Government	17.5	17.7	17.1	-.2	-.4
State and Local Government	24.5	24.4	25.3	.1	-.8

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	293.1	292.7	288.0	.4	5.1
MANUFACTURING	29.4	29.3	29.2	.1	.2
Durable Goods	17.6	17.5	17.1	.1	.5
Lumber & Wood Products	1.6	1.6	1.6	0	0
Stone, Clay and Glass Products	1.9	2.0	1.7	-.1	.2
Fabricated Metal Products	1.0	1.0	1.0	0	0
Fabricated Structural Metal Products	N/A	N/A	N/A	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	7.8	7.4	7.2	.4	.6
Other Durable Goods 1/	4.0	4.2	4.4	-.2	-.4
Nondurable Goods	11.8	11.8	12.1	0	-.3
Food and Kindred Products	6.0	6.0	6.0	0	0
Apparel & Other Textile Products	.9	.8	.9	.1	0
Printing and Publishing	2.3	2.4	2.5	-.1	-.2
Chemicals and Allied Products	1.2	1.2	1.3	0	-.1
Agricultural Chemicals	.5	.6	.6	-.1	-.1
Other Nondurable Goods 2/	1.4	1.4	1.4	0	0
NONMANUFACTURING	263.7	263.4	258.8	.3	4.9
Construction	17.0	16.8	16.4	.2	.6
Transportation and Public Utilities	19.7	19.8	19.3	-.1	.4
Railroads	1.4	1.4	1.5	0	-.1
Wholesale and Retail Trade	73.8	73.5	69.5	.3	4.3
Wholesale Trade	14.3	14.2	14.4	.1	-.1
Retail Trade	59.5	59.3	55.1	.2	4.4
Finance, Insurance & Real Estate	14.9	15.0	14.8	-.1	.1
Banking	4.4	4.4	4.4	0	0
Insurance Carriers and Agents	3.1	3.1	3.1	0	0
Services and Mining	59.7	59.5	55.9	.2	3.8
Personal Services	4.3	4.4	4.2	-.1	.1
Government	78.6	78.8	78.9	-.2	-.3
Federal Government	37.3	37.4	36.5	-.1	-.8
State & Local Government	41.3	41.4	42.4	.1	1.1

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
<u>NONAGRICULTURAL</u>	444.3	445.9	433.9	- 1.6	10.4
<u>MANUFACTURING</u>	18.2	18.2	17.0	0	1.2
Durable Goods	10.8	10.7	10.1	.1	.7
Stones, Clay and Glass Products	.9	.9	1.1	0	.2
Fabricated Metal Products	1.2	1.1	1.1	.1	.1
Machinery, except Electrical	.7	.7	.6	0	.1
Electric and Electronic Equipment	5.8	5.8	5.3	0	.5
Other Durable Goods 1/	2.2	2.2	2.0	0	.2
Nondurable Goods	7.4	7.5	6.9	- .1	.5
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.8	4.8	4.5	0	.3
Other Nondurable Goods 2/	1.5	1.6	1.3	- .1	.2
<u>NONMANUFACTURING</u>	426.1	427.7	416.9	- 1.6	9.2
Mining	.4	.4	.4	0	0
Construction	29.3	29.3	28.1	- .2	1.2
Transportation & Public Utilities	29.3	29.3	29.5	0	- .2
Transportation By Air	7.9	8.0	8.6	- .1	.7
Electric, Gas & Sanitary Service	3.7	3.7	3.5	0	.2
Wholesale and Retail Trade	102.0	102.1	98.4	- .1	3.6
Wholesale Trade	18.1	18.1	18.4	0	- .3
Retail Trade	83.9	84.0	80.0	- .1	3.9
General Merchandise Stores	12.7	12.5	11.9	.2	.8
Food Stores	9.4	9.4	9.2	0	.2
Auto. Dealers & Service Stations	12.4	12.3	12.2	.1	.2
Apparel & Accessory Stores	5.3	5.4	5.4	- .1	- .1
Eating & Drinking Places	25.0	25.1	23.4	- .1	1.6
Finance, Insurance & Real Estate	28.7	28.8	27.6	- .1	1.1
Banking	6.4	6.3	6.0	.1	.4
Services	116.2	116.9	114.7	- .7	1.5
Business Services	40.4	40.8	40.2	- .4	.2
Government	120.2	120.7	118.2	- .5	2.0
Federal Government	70.3	70.6	67.5	- .3	2.8
State and Local Government	49.9	50.1	50.7	- .2	.8

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
<u>NONAGRICULTURAL</u>	44.7	44.9	48.0	- .2	- 3.3
<u>MANUFACTURING</u>	10.9	10.8	11.7	.1	- .8
Durable Goods	2.4	2.1	2.7	.3	- .3
Lumber and Wood Products and Furniture & Fixtures	.5	.5	.5	0	0
Stones, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.2	.2	0	0
Other Durable Goods 1/	1.5	1.2	1.8	.3	- .3
Nondurable Goods	8.5	8.7	9.0	- .2	- .5
Food and Kindred Products	.3	.3	.3	0	0
Textile Mill Products and Apparel & Other	.9	1.1	1.1	- .2	- .2
Textile Products	3.5	3.5	3.5	0	0
Chemicals and Allied Products	3.8	3.8	4.1	0	- .3
Other Nondurable Goods 2/					
<u>NONMANUFACTURING</u>	33.8	34.1	36.3	- .3	- 2.5
Construction	2.4	2.5	3.4	- .1	- 1.0
Transportation and Public Utilities	1.4	1.4	1.5	0	- .1
Wholesale and Retail Trade	8.3	8.3	8.0	0	.3
Wholesale Trade	1.2	1.2	1.2	0	0
Retail Trade	7.1	7.1	6.8	0	.3
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.5	6.5	6.4	0	.1
Government	13.9	14.1	15.7	- .2	- 1.8
Federal Government	5.0	5.1	5.5	- .1	- .5
State and Local Government	8.9	9.0	10.2	- .1	- 1.3

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	382.2	327.6	323.2	.6	5.0
MANUFACTURING	57.0	56.5	55.3	.5	1.7
Durable Goods	18.0	17.9	17.8	.1	.2
Lumber & Wood Products	1.4	1.4	1.4	0	0
Furniture & Fixtures	2.2	2.2	2.1	0	.1
Stone, Clay & Glass Products	1.4	1.3	1.3	.1	.1
Fabricated Metal Products	2.7	2.6	2.6	.1	.1
Fabricated Structural Metal Products	1.9	1.9	1.8	0	.1
Machinery, except Electrical	2.2	2.2	2.1	0	.1
Other Durable Goods 1/	8.1	8.2	8.3	.1	.2
Nondurable Goods	39.0	38.6	37.5	.4	1.5
Food & Kindred Products	4.1	4.2	4.2	.1	.1
Bakery Products	1.7	1.8	1.8	.1	.1
Tobacco Manufactures	13.1	12.6	12.0	.5	1.1
Cigarettes	12.0	11.8	11.2	.2	.8
Tobacco Stemming & Redrying	.9	.5	.5	.4	.4
Apparel & Other Textile Products	2.2	2.2	2.2	0	0
Paper & Allied Products	4.2	4.2	4.2	0	0
Printing and Publishing	5.4	5.3	5.2	.1	.2
Commercial Printing	3.0	3.0	2.9	0	.1
Chemicals & Allied Products	7.9	7.9	7.7	0	.2
Other Nondurable Goods 2/	2.1	2.2	2.0	.1	.1
NONMANUFACTURING	271.2	271.1	267.9	.1	3.3
Mining	.3	.3	.4	0	.1
Construction	16.4	16.4	17.3	0	.9
Transportation & Public Utilities	20.3	20.4	19.9	.1	.4
Wholesale & Retail Trade	74.8	74.8	72.8	0	2.0
Wholesale Trade	22.1	22.1	22.1	0	0
Retail Trade	52.7	52.7	50.7	0	2.0
General Merchandise Stores	10.3	10.2	10.2	.1	.1
Food Stores	7.4	7.5	7.3	.1	.1
Auto Dealers & Service Stations	5.7	5.7	5.6	0	.1
Finance, Insurance & Real Estate	26.9	26.9	26.9	0	0
Insurance Carriers and Agents	10.5	10.5	10.4	0	.1
Services	62.3	62.1	59.9	.2	2.4
Government	70.2	70.2	70.7	0	.5
Federal Government	8.2	8.2	8.0	0	.2
State & Local Government	62.0	62.0	62.7	0	.7

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	August 1981	July 1981	August 1980	July 1981	August 1980
NONAGRICULTURAL	103.6	103.7	105.7	-.1	-2.1
MANUFACTURING	20.9	20.9	20.9	0	0
Durable Goods	12.2	12.2	12.2	0	0
Furniture & Fixtures	1.5	1.4	1.4	.1	.1
Primary Metals & Fabricated Metal Products	2.5	2.5	2.5	0	0
Fabricated Structural Metal Products	1.2	1.2	1.3	0	.1
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.5	6.6	6.6	.1	.1
Nondurable Goods	8.7	8.7	8.7	0	0
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.6	1.6	1.8	0	.2
Apparel & Other Textile Products	1.6	1.6	1.5	0	.1
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.7	2.7	2.6	0	.1
NONMANUFACTURING	82.7	82.8	84.8	.1	-2.1
Mining	.1	.1	.1	0	0
Construction	5.3	5.2	6.8	.1	-1.5
Transportation & Public Utilities	9.6	9.5	9.8	.1	-.2
Wholesale & Retail Trade	25.8	25.8	25.7	0	.1
Wholesale Trade	7.3	7.4	7.3	.1	0
Retail Trade	18.5	18.4	18.4	.1	.1
Finance, Insurance & Real Estate	6.3	6.4	6.3	.1	0
Services	20.2	20.2	19.6	0	.6
Government	15.4	15.6	16.5	.2	-1.1
Federal Government	3.2	3.2	3.2	0	0
State & Local Government	12.2	12.4	13.3	.2	-1.1

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	\$270.28	\$266.17	\$247.74	39.4	39.2	39.2	\$6.86	\$6.79	\$6.32
Durable Goods	270.75	269.84	243.90	39.7	39.8	38.9	6.82	6.78	6.27
Lumber and Wood Products	196.08	196.32	182.10	38.0	37.9	38.5	5.16	5.18	4.73
Furniture and Fixtures	175.58	179.40	157.54	37.2	39.0	36.3	4.72	4.60	4.34
Household and Office Furniture	175.01	179.40	156.24	37.0	39.0	36.0	4.73	4.60	4.34
Stone, Clay and Glass Products	243.82	234.25	233.74	39.2	37.6	40.3	6.22	6.23	5.80
Structural Clay Products	249.99	217.29	210.31	42.3	37.4	41.4	5.91	5.81	5.08
Glass and Glass Products	282.77	277.20	241.55	41.1	40.0	38.1	6.88	6.93	6.34
Primary Metal Industries	344.67	356.45	314.50	39.8	39.3	38.4	8.66	9.07	8.19
Fabricated Metal Products	333.63	334.96	300.77	41.6	41.1	40.7	8.02	8.15	7.39
Fabricated Structural Metal Products	321.10	325.21	292.70	42.7	42.4	41.4	7.52	7.67	7.07
Machinery, except Electrical	295.54	289.48	265.72	40.1	39.6	40.2	7.37	7.31	6.61
Construction and Related Machinery	279.32	301.02	258.34	37.9	40.9	38.5	7.37	7.36	6.71
Special Industry Machinery	333.88	298.88	274.89	39.7	37.5	37.4	8.41	7.97	7.35
Refrigeration and Service Machinery	307.88	283.39	284.32	43.0	40.6	42.5	7.16	6.98	6.69
Electric and Electronic Equipment	283.54	278.39	249.72	39.6	39.6	38.3	7.16	7.03	6.52
Communication Equipment	300.27	283.08	256.88	38.3	38.1	37.5	7.84	7.43	6.85
Instruments and Related Products	1) 194.39	1) 187.90	212.40	38.8	36.7	39.7	1) 5.01	1) 5.12	5.35
Miscellaneous Manufacturing Industries	227.76	225.72	198.81	39.0	39.6	37.3	5.84	5.70	5.33
Nondurable Goods	270.09	262.77	244.14	39.2	38.7	39.0	6.89	6.79	6.26
Food and Kindred Products	245.24	244.72	225.79	38.5	38.6	38.4	6.37	6.34	5.88
Tobacco Manufactures	389.46	412.47	370.93	39.3	37.6	38.8	9.91	10.97	9.56
Cigarettes	422.14	427.12	402.19	39.9	38.0	39.2	10.58	11.24	10.26
Textile Mill Products	228.42	211.47	205.09	40.5	39.9	39.9	5.64	5.30	5.14
Weaving Mills, Cotton, Synthetics and Wool	260.47	237.02	229.77	42.7	42.1	41.4	6.10	5.63	5.55
Knitting Mills	192.15	188.24	178.22	38.2	37.8	38.0	5.03	4.98	4.69
Yarn and Thread Mills	207.10	194.46	167.66	42.7	42.0	38.9	4.85	4.63	4.31
Miscellaneous Textile Goods	238.30	229.50	218.40	41.3	41.5	41.6	5.77	5.53	5.25
Apparel and Other Textile Products	159.49	158.55	148.63	34.9	35.0	35.9	4.57	4.53	4.14
Men's and Boys' Suits, Coats and Furnishings	169.79	172.75	156.56	35.3	35.4	37.1	4.81	4.88	4.22
Women's and Children's Outerwear & Undergarments	148.04	145.77	140.35	33.8	33.9	34.4	4.38	4.30	4.08
Paper and Allied Products	356.17	346.01	329.52	42.2	40.9	42.3	8.44	8.46	7.79
Pulp, Paper and Paperboard	413.22	401.76	389.27	42.6	40.5	43.5	9.70	9.92	9.06
Misc. Converted Paper and Paperboard									
Products, Containers and Boxes	297.36	285.93	265.85	42.0	41.2	40.9	7.08	6.94	6.50
Printing and Publishing	323.71	317.34	288.03	38.4	37.6	38.2	8.43	8.44	7.54
Newspapers and Periodicals	253.41	257.52	252.03	33.3	33.1	35.2	7.61	7.78	7.16
Chemical and Allied Products	358.56	351.65	324.40	41.5	40.7	40.5	8.64	8.64	8.01
Plastic Materials and Synthetics	365.29	368.05	332.45	41.7	41.4	40.2	8.76	8.89	8.27
Agricultural Chemicals	246.53	261.21	235.30	38.4	41.2	40.5	6.42	6.34	5.81
Leather and Leather Products	144.51	142.30	132.86	36.4	36.3	36.4	3.97	3.92	3.65

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	\$212.89	\$212.63	\$207.76	35.6	36.1	37.3	\$5.98	\$5.89	\$5.57
Durable Goods	266.74	270.24	254.13	39.4	39.8	39.4	6.77	6.79	6.45
Fabricated Metal Products	1) 326.62	1) 319.80	325.31	40.1	39.0	39.1	1) 8.15	1) 8.20	8.32
Machinery and Transportation Equipment	252.84	261.55	246.64	39.2	40.3	40.5	6.45	6.49	6.09
Nondurable Goods	159.00	154.22	161.98	31.8	32.4	35.6	5.00	4.76	4.55
Food and Kindred Products	200.33	191.26	185.92	34.9	34.4	33.5	5.74	5.56	5.55
Apparel and Other Textile Products	126.05	119.84	140.26	28.2	29.3	35.6	4.47	4.09	3.94

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,200 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	\$275.67	\$267.60	\$234.84	40.6	40.0	38.0	\$6.79	\$6.69	\$6.18
Durable Goods	291.40	285.32	239.02	41.1	40.3	37.0	7.09	7.08	6.46
Lumber and Wood Products and Furniture and Fixtures	181.06	170.94	163.54	36.8	35.1	37.0	4.92	4.87	4.42
Nondurable Goods	252.17	244.73	225.15	39.9	39.6	39.5	6.32	6.18	5.70
Food and Kindred Products	1) 250.88	1) 264.26	232.35	1) 39.2	1) 40.1	42.4	1) 6.40	1) 6.59	5.48
Textile Mill Products	249.27	216.12	211.31	40.4	38.8	37.6	6.17	5.57	5.62
Apparel and Other Textile Products	145.18	141.95	127.01	34.9	35.4	33.6	4.16	4.01	3.78
Paper and Allied Products	371.86	380.77	377.25	48.8	50.3	52.6	7.62	7.57	7.21

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,100 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	\$289.58	\$292.23	\$268.30	40.5	40.7	40.9	\$7.15	\$7.18	\$6.56
Durable Goods	314.25	318.10	284.82	41.9	41.8	41.1	7.50	7.61	6.93
Lumber and Wood Products	234.92	229.70	204.09	41.8	40.8	38.8	5.62	5.63	5.26
Stone, Clay, and Glass Products	241.19	246.55	239.80	36.6	37.3	39.9	6.59	6.61	6.01
Fabricated Metal Products	215.84	216.97	246.28	38.0	37.8	43.9	5.68	5.74	5.61
Machinery, except Electrical	250.22	250.73	238.78	40.1	39.3	41.6	6.24	6.38	5.74
Transportation Equipment	392.26	405.79	341.74	45.4	45.8	42.4	8.64	8.86	8.06
Nondurable Goods	242.68	245.22	245.43	37.8	38.8	40.5	6.42	6.32	6.06
Food and Kindred Products	235.01	238.60	234.34	38.4	40.1	42.3	6.12	5.95	5.54
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	249.81	245.15	230.12	36.1	37.2	38.1	6.92	6.59	6.04

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,400 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	\$297.40	\$293.18	\$283.29	39.6	39.3	39.9	\$7.51	\$7.46	\$7.10
Durable Goods	285.48	286.47	272.49	40.9	41.1	41.1	6.98	6.97	6.63
Stone, Clay, and Glass Products	229.82	234.93	228.89	37.8	38.2	39.6	6.08	6.15	5.78
Fabricated Metal Products	329.62	315.56	271.62	43.2	42.3	40.3	7.63	7.46	6.74
Electric and Electronic Equipment	1) 302.99	1) 302.99	315.48	43.1	43.1	44.0	1) 7.03	1) 7.03	7.17
Nondurable Goods	315.25	302.86	292.61	37.8	36.8	38.1	8.34	8.23	7.68
Food and Kindred Products	334.56	310.80	299.71	41.0	40.0	41.0	8.16	7.77	7.31

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,500 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	\$348.70	\$329.18	\$298.35	40.5	38.1	39.0	\$8.61	\$8.64	\$7.65
Durable Goods	1) 202.36	1) 178.85	178.01	1) 39.6	1) 36.8	38.2	1) 5.11	1) 4.86	4.66
Lumber and Wood Products and Furniture and Fixtures	1) 261.07	1) 238.69	159.40	1) 44.4	1) 42.7	35.9	1) 5.88	1) 5.59	4.44
Nondurable Goods	390.05	364.42	335.69	40.8	38.4	39.4	9.56	9.49	8.52
Food & Kindred Products	214.70	229.45	212.78	38.0	40.9	37.2	5.65	5.61	5.72
Chemicals & Allied Products	446.02	392.08	374.74	42.6	37.7	41.0	10.47	10.40	9.14

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,500 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	\$340.56	\$341.43	\$315.17	39.1	39.2	39.2	\$8.71	\$8.71	\$8.04
Durable Goods	316.38	310.06	288.41	39.4	39.1	39.4	8.03	7.93	7.32
Lumber and Wood Products	198.24	188.00	182.40	39.1	37.6	40.0	5.07	5.00	4.56
Furniture and Fixtures	190.24	177.55	170.54	39.8	37.3	37.4	4.78	4.76	4.56
Primary Metal Industries	513.59	504.66	490.28	40.6	40.6	41.2	12.65	12.43	11.90
Fabricated Metal Products	352.50	369.02	333.45	37.5	38.4	39.0	9.40	9.61	8.55
Fabricated Structural Metal Products	381.47	405.73	363.08	37.0	38.9	38.3	10.31	10.43	9.48
Nondurable Goods	349.71	353.46	326.30	38.9	39.1	39.6	8.99	9.04	8.24
Food and Kindred Products	242.69	244.29	230.10	38.4	38.9	39.2	6.32	6.28	5.87
Tobacco Manufactures	418.86	415.80	402.96	37.6	37.8	39.7	11.14	11.00	10.15
Cigarettes	422.24	429.75	413.12	37.7	38.2	39.8	11.20	11.25	10.38
Apparel and Other Textile Products	184.16	178.64	161.14	39.1	38.5	37.3	4.71	4.64	4.32
Paper and Allied Products	333.84	312.21	292.44	42.8	40.6	40.9	7.80	7.69	7.15
Printing and Publishing	349.27	345.33	311.85	37.8	37.7	37.8	9.24	9.16	8.25
Chemicals and Allied Products	364.10	385.69	342.30	38.9	40.9	39.3	9.36	9.43	8.71

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 38,100 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
MANUFACTURING	\$250.13	\$265.43	\$229.90	38.9	40.4	39.3	\$6.43	\$6.57	\$5.85
Durable Goods	252.31	269.94	231.66	39.3	40.9	39.0	6.42	6.60	5.94
Fabricated Metal Products	246.79	259.53	225.33	41.2	42.2	40.6	5.99	6.15	5.55
Fabricated Structural Metal Products	255.44	275.82	230.93	41.4	43.3	40.8	6.17	6.37	5.66
Nondurable Goods	246.65	259.50	229.77	38.3	39.8	40.1	6.44	6.52	5.73
Food and Kindred Products	268.05	267.45	241.23	44.6	44.5	44.1	6.01	6.01	5.47
Textile Mill Products	209.27	188.86	186.76	40.4	38.7	40.6	5.18	4.88	4.60

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
	August 1981	July 1981	August 1980	Worker With No Dependents			Married Worker With Three Dependents		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980
Virginia	\$270.20	\$266.17	\$247.74	\$211.93	\$209.15	\$197.66	\$231.69	\$228.59	\$215.99
Bristol Area	212.89	212.63	207.76	171.77	171.58	169.14	188.25	188.04	185.36
Lynchburg SMSA	275.67	267.60	234.84	215.56	210.13	188.64	235.75	229.67	206.20
Norfolk-Virginia Beach-Portsmouth SMSA	289.58	292.23	268.30	224.93	226.72	212.00	246.23	248.23	231.59
Northern Virginia Area	297.40	293.18	283.18	230.20	227.36	222.10	252.12	248.94	242.88
Petersburg-Colonial Heights-Hopewell SMSA	348.70	329.18	298.35	263.11	250.75	232.39	289.49	275.37	254.39
Richmond SMSA	340.56	341.43	315.17	257.95	258.51	234.51	283.61	284.23	266.87
Roanoke SMSA	250.13	256.43	229.90	198.02	202.39	185.19	216.50	221.25	203.21

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	August 1981 2/	July 1981	August 1980	July 1980
<u>NONAGRICULTURAL</u>	2,132.3	2,126.8	2,105.2	2,090.4
<u>MANUFACTURING</u>	405.7	406.6	402.7	399.4
Durable Goods	187.0	185.8	183.8	179.0
Lumber & Wood Products	23.5	23.8	22.4	22.3
Furniture and Fixtures	26.4	26.4	25.7	22.6
Stone, Clay and Glass Products	12.3	12.2	12.1	12.1
Primary Metal Industries	11.4	10.6	11.2	10.2
Fabricated Metal Products	20.7	20.8	20.2	20.4
Machinery, except Electrical	14.3	14.0	15.2	14.9
Electric and Electronic Equipment	34.2	34.4	33.0	33.2
Transportation Equipment	36.5	36.4	36.2	36.1
Instruments and Related Products	4.1	4.0	4.0	4.0
Nondurable Goods	218.9	220.8	219.1	220.4
Food and Kindred Products	39.7	40.1	40.6	42.2
Tobacco Manufactures	16.9	16.4	16.2	16.3
Textile Mill Products	44.4	44.8	44.5	42.8
Apparel and Other Textile Products	33.1	34.4	33.3	34.6
Paper and Allied Products	14.4	14.5	14.3	14.5
Printing and Publishing	21.8	22.0	22.0	21.7
Chemicals and Allied Products	32.8	32.7	32.5	32.5
Leather and Leather Products	3.5	3.5	3.6	3.5
<u>MINING</u>	23.2	22.0	23.0	22.1
Bituminous Coal and Lignite Mining	20.5	19.3	19.9	19.0
<u>CONTRACT CONSTRUCTION</u>	101.0	105.8	119.9	119.8
<u>TRANSPORTATION & PUBLIC UTILITIES</u>	117.9	118.0	114.8	114.5
Railroad Transportation	15.6	15.2	15.0	14.2
Trucking and Warehousing	28.7	28.6	28.8	28.9
Transportation by Air	11.0	11.1	10.9	10.9
Communication	29.9	29.9	29.1	29.1
Electric, Gas and Sanitary Services	17.6	17.5	16.5	16.4
<u>WHOLESALE AND RETAIL TRADE</u>	461.9	459.8	449.0	444.9
Wholesale Trade	105.8	105.4	105.1	104.0
Retail Trade	356.1	354.4	343.8	340.9
General Merchandise Stores	58.1	57.8	56.4	56.4
Food Stores	56.2	56.2	54.5	54.2
<u>FINANCE, INSURANCE & REAL ESTATE</u>	106.8	106.8	104.0	104.1
Banking	31.3	31.2	30.9	30.9
Insurance Carriers	20.1	20.2	19.6	19.9
<u>SERVICES</u>	399.3	399.3	385.2	383.5
Personal Services	25.3	25.2	25.1	25.2
Business Services	77.2	77.4	74.6	74.7
<u>GOVERNMENT</u>	508.3	503.6	506.9	501.5
Federal Government	158.2	157.7	155.4	156.3
State and Local Government	349.8	345.2	351.3	344.5
<u>AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS</u>				
<u>MANUFACTURING</u>	39.5	39.4	39.3	39.0
Durable Goods	39.9	40.2	39.8	39.6
Lumber and Wood Products	37.7	37.9	38.2	37.2
Furniture and Fixtures	36.9	38.2	36.0	34.9
Household & Office Furniture	36.6	38.2	35.6	34.2
Stone, Clay & Glass Products	38.9	37.6	40.0	40.9
Primary Metal Industries	39.9	39.6	38.5	37.7
Fabricated Metal Products	41.1	41.6	40.8	41.9
Fabricated Structural Metal Products	42.2	43.1	41.6	43.4
Machinery, except Electrical	40.7	40.7	40.8	41.4
Electric and Electronic Equipment	39.8	39.8	38.5	38.9
Instruments & Related Products	39.0	37.2	39.8	39.8
Miscellaneous Manufacturing Industries	38.3	40.7	36.7	31.9
Nondurable Goods	39.1	38.8	38.9	38.7
Food & Kindred Products	38.4	37.8	38.3	38.0
Tobacco Manufactures	39.5	37.6	38.2	40.0
Cigarettes	39.9	37.7	38.7	40.1
Textile Mill Products	40.4	39.5	40.3	39.0
Weaving Mills, Cotton, Synthetics and Wool	42.7	42.3	42.6	40.6
Knitting Mills	37.8	37.0	38.5	37.4
Apparel & Other Textile Products	35.0	34.9	36.0	35.2
Men's and Boys' Suits, Coats and Furnishings	34.8	34.3	36.6	36.7
Women's and Children's Outerwear & Undergarments	34.1	34.1	34.7	32.9
Paper & Allied Products	42.4	41.6	42.0	42.5
Pulp, Paper and Paperboard	43.1	41.3	43.8	44.4
Printing and Publishing	38.6	37.8	38.4	37.3
Newspapers and Periodicals	33.2	33.7	35.9	35.3
Chemicals & Allied Products	41.6	41.0	39.7	39.9
Plastics Materials & Synthetics	41.4	41.4	38.6	39.4
Agricultural Chemicals	40.6	43.9	42.8	39.6
Leather & Leather Products	35.7	35.8	35.7	37.8

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL EMPLOYMENT, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS ANNUAL AVERAGES 1972 - 1980 JANUARY 1977 TO DATE

(In Thousands)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, In- surance and Real Estate	Services and Mis- cellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	136.1	74.3	242.8	380.1
1973	1,751.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	491.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.5	105.6	387.1	501.7
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,401.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	456.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.5	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.1	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.8
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.1
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.1
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	23.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	135.1	114.8	444.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	108.7	387.6	501.5
March	2,133.8	419.0	25.0	125.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	125.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	115.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	115.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	115.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	125.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	125.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	115.9	115.6	456.2	107.5	402.1	513.5
February	2,160.7	410.9	25.9	125.7	116.2	460.6	108.1	402.2	513.8
March	2,154.7	413.3	25.3	115.9	114.7	457.4	108.4	399.5	512.8
April	2,129.6	412.8	13.7	115.1	114.6	456.6	108.5	397.5	513.3
May	2,122.7	412.0	13.1	115.0	114.4	455.7	107.5	396.4	512.3
June	2,130.2	409.6	21.8	111.6	115.6	458.9	106.6	396.8	509.4
July	2,126.8	406.6	22.0	105.8	118.0	459.8	106.8	399.3	503.6
August	2,132.3	405.7	23.2	101.0	117.9	461.9	106.8	399.3	508.3
September									
October									
November									
December									

1/ Federal Government employment in the Northern Virginia Area, which is a portion of the Washington Standard Metropolitan Area, is included. The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Loudoun and Prince William. The counties of Loudoun and Prince William were not a part of the Northern Virginia Area prior to January 1967, and Federal employment in these two counties was included in the government totals prior to that period.

UNION HOURLY WAGE RATES IN THE BUILDING TRADES
IN CITIES OF 100,000 INHABITANTS OR MORE
JULY 1980 and 1981 UNION WAGE RATES 1/

TRADE OR OCCUPATION	HOURLY AVERAGE		BASIC RATE			
	United States		Norfolk		Richmond	
	<u>1981</u>	<u>1980</u>	<u>1981</u>	<u>1980</u>	<u>1981</u>	<u>1980</u>
Bricklayers	\$13.91	\$12.68	\$11.68	\$10.98	\$12.50	\$11.50
Carpenters	13.89	12.44	10.85	10.15	10.85	10.15
Electricians	14.78	13.57	11.70	11.05	13.65	12.35
Painters	13.39	12.01	10.25	9.35	10.00	9.10
Plasterers	13.48	12.08	11.96	11.26	11.65	10.85
Plumbers	14.44	13.04	11.05	10.30	12.40	11.95
Building Laborers	10.90	9.88	7.00	6.40	7.00	6.10

1/ These rates represent the minimum wage rates (excluding holiday and vacation payments regularly made or credited to the worker each pay period) agreed upon through collective bargaining between employers and trade unions.

Source: U. S. Department of Labor, Bureau of Labor Statistics

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

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EMPLOYMENT HOURS AND EARNINGS

VOLUME 31
NUMBER 10

VIRGINIA

BRISTOL

ROANOKE

RICHMOND

LYNCHBURG

NORTHERN VIRGINIA

NEWPORT NEWS-HAMPTON

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL



October 1981

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Explanatory Notes

NONAGRICULTURAL EMPLOYMENT ROSE 16,300 OVER THE MONTH

THE NUMBER OF WORKERS ON PAYROLLS IN NONAGRICULTURAL ESTABLISHMENTS IN VIRGINIA ROSE 16,300 OVER THE MONTH TO 2,163,800. Seasonal pressures played a dominant roll in the uptrend. Heroes on the scene were a good harvest of fall fruits and vegetables, the reopening of school systems, as well as, fall and back-to-school sales. Manufacturing, government, trade and mining were the best performers during October 1981. The winding down of the tourist season, curtailment of summer youth and CETA programs, along with high interest rates were the villians in this month's economic script. As a result, services, construction, finance and transportation and public utilities trended downward.

THE LARGEST MONTHLY EMPLOYMENT INCREMENT OCCURRED IN THE GOVERNMENT SECTOR WHERE 18,600 MORE WORKERS WERE RECORDED. Nonteaching personnel returned to work with the reopening of school systems for the fall semester. However, it should be noted that September employment was 3,600 lower than it was in June, before many schools closed for summer vacations. Cutbacks in federal spending for CETA projects and the ending of summer youth programs greatly reduced the upswing normally experienced in September. Employment was also abated by over-the-month reductions in federal employment.

SEASONAL INCREASES IN THE FOOD AND TOBACCO INDUSTRIES HELPED BOOST MANUFACTURING EMPLOYMENT TO ITS 1981 HIGH OF 411,900. The nondurable goods sector held the spotlight as processors of fruits and vegetables hired temporary seasonal workers to can, freeze and preserve this years' crops. Processors of tobacco did likewise. Also, the textile and apparel segments added to their workforces, as did firms in printing and publishing. Durable goods producers played a supporting roll with electrical machinery and transportation equipment divisions adding to their payrolls. Virginia's 315,400 factory production workers earned an average weekly earning of \$275.01 in September. This was \$1.77 more than in August and \$24.43 above a year ago. Wage rate increases and overtime boosted average weekly earnings eight cents to \$6.98. Over the year hourly earnings have increased 62 cents. Average weekly hours declined two-tenths of an hour over the month and at 39.4 hours were the same as a year ago. Average weekly earnings were up over the month in all of the major metropolitan areas except Lynchburg. Curtailed overtime was the most frequent reason given for this drop.

ANOTHER GOOD PERFORMER WAS WHOLESALE AND RETAIL TRADE WITH A PLUS 500 IN EMPLOYMENT OVER AUGUST. While consumers used a great deal of caution and selectivity when shopping, sales rose modestly. Sales of cars and major appliances were down while women's apparel and home furnishing items were the biggest gainers. Merchants were also using caution as they began preparing for the holiday spending season. Forecasts

NONAGRICULTURAL EMPLOYMENT ROSE 16,300
OVER THE MONTH

(continued from page 1)

for the fourth quarter have received mixed reviews. Mining was the only other division to record an over-the-month uptrend as coal usage increases during the winter months.

SERVICES AND CONSTRUCTION CONTINUED TO REGISTER DOWNTURNS IN WORKFORCES. Services' loss of 3,700 workers was traced primarily to the closing of amusement centers and layoffs by hotels and motels in the resort areas of the state as fewer tourists were visiting Virginia. Construction's problems have not subsided and the decline of 2,600 workers in September was widespread. The construction industry remains the only segment of the economy with employment levels below last year. Both builders and buyers continued to blame high interest rates for the industry's sluggish performance. As interest rates on mortgages keep rising, sales keep falling. Finance, insurance and real estate had a drop in personnel as construction's woes rippled into this branch of the economy. While employment in transportation and public utilities was also down (a minus 200), this was a minor part on the overall economical scene.

THE PRODUCERS PRICE INDEX, PUBLISHED BY THE BUREAU OF LABOR STATISTICS FOR ALL COMMODITIES was 295.5 (1967=100) for September 1981. This was a monthly decrease of 0.2 percent and a yearly increase of 7.6 percent. The index for finished goods at 271.1 (1967=100) was unchanged over the month but up 7.8 percent over the year.

THE BUREAU OF LABOR STATISTICS' ALL URBAN CONSUMER PRICE INDEX (U. S. City Average) rose 1.0 percent in September to 279.3 (1967=100). The index was up 11.0 percent over the year. The Urban Wage Earners and Clerical Workers Index at 279.1 (1967=100) was up 0.9 percent over the month and 10.8 percent over the year.

THE OCTOBER 1981 CONSUMER PRICE INDEX data will be released on November 24, 1981 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES^{1/}

(Data Not Seasonally Adjusted)

	Civilian Labor Force			Employed ^{2/}			Unemployed			Per Cent of Labor Force		
	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	August 1981	July 1981	August 1980	Aug. 1981	July 1981	Aug. 1980
United States	107,771,000	108,408,000	106,126,000	100,013,000	100,474,000	98,115,000	7,758,000	7,934,000	8,011,000	7.2	7.3	7.5
Virginia	2,556,000	2,579,700	2,553,800	2,417,400	2,429,000	2,424,200	138,600	150,700	129,600	5.4	5.8	5.1
Bristol Area	38,750	39,810	39,210	36,390	36,870	36,950	2,360	2,940	2,260	6.1	7.4	5.8
Lynchburg SMSA	74,930	74,250	77,140	71,010	69,770	72,840	3,920	4,480	4,300	5.2	6.0	5.6
Newport News-Hampton SMSA	174,560	175,670	171,550	164,770	164,910	162,580	9,790	10,760	8,970	5.6	6.1	5.2
Norfolk-Virginia Beach-Portsmouth SMSA	337,670	339,160	329,150	317,620	318,600	310,810	20,050	20,560	18,340	5.9	6.1	5.6
Northern Virginia Area	582,400	589,200	575,700	561,600	566,800	557,900	20,800	22,400	17,800	3.6	3.8	3.1
Petersburg-Colonial Heights-Hopewell SMSA	57,780	58,340	61,820	53,390	53,860	57,760	4,390	4,480	4,060	7.6	7.7	6.6
Richmond SMSA	333,440	335,160	330,070	320,130	320,880	318,210	13,310	14,280	11,860	4.0	4.3	3.6
Roanoke SMSA	110,620	111,810	113,660	104,830	105,330	108,010	5,790	6,480	5,650	5.3	5.8	5.0

^{1/} All data adjusted to a place-of-residence basis^{2/} Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
<u>NONAGRICULTURAL</u> 1/	2,163.8	2,147.5	2,136.2	16.8	27.6
<u>MANUFACTURING</u>	411.9	408.1	410.6	3.8	1.3
Durable Goods	187.9	187.5	186.9	.4	1.0
Lumber and Wood Products	24.0	24.0	23.3	0	.7
Millwork, Plywood and Structural Members	6.5	6.5	6.1	0	.4
Wood Containers	1.9	1.9	1.9	0	0
Wood Buildings and Mobile Homes	3.0	3.1	3.3	-.1	.3
Miscellaneous Wood Products	2.0	2.1	2.0	-.1	0
Furniture and Fixtures	26.0	26.0	25.5	0	.5
Household and Office Furniture	24.4	24.3	23.9	.1	.5
Stone, Clay and Glass Products	12.4	12.4	12.7	0	.3
Structural Clay Products	.8	.8	.9	0	.1
Concrete Gypsum and Plaster Products	7.2	7.3	7.3	-.1	.1
Glass and Glass Products	1.7	1.7	1.7	0	0
Primary Metal Industries	11.6	11.6	11.9	0	.3
Fabricated Metal Products	20.7	20.7	20.5	0	.2
Fabricated Structural Metal Products	12.8	12.8	12.9	0	.1
Machinery, except Electrical	14.3	14.3	15.3	0	1.0
Construction and Related Machinery	4.3	4.2	4.6	.1	.3
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	2.1	2.1	1.9	0	.2
Electric and Electronic Equipment	34.5	34.3	33.2	.2	1.3
Communication Equipment	11.7	11.7	11.4	0	.3
Electronic Components and Accessories	5.7	5.8	5.2	-.1	.5
Transportation Equipment	36.8	36.7	36.9	.1	.1
Instruments and Related Products	4.1	4.1	4.0	0	.1
Miscellaneous Manufacturing Industries	3.5	3.4	3.6	.1	.1
Nondurable Goods	224.0	220.6	223.7	3.4	.3
Food and Kindred Products	41.8	40.0	42.4	1.8	.6
Meat Products	13.3	13.1	13.4	.2	.1
Dairy Products	3.1	3.0	2.7	.1	.4
Preserved Fruits and Vegetables	3.4	2.5	3.5	.9	.1
Bakery Products	4.9	4.8	4.9	.1	0
Beverages	5.9	5.8	5.8	.1	.1
Tobacco Manufactures	17.9	17.2	17.7	.7	.2
Cigarettes	14.4	14.1	14.1	.3	.3
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	3.1	2.7	3.2	.4	.1
Textile Mill Products	45.2	44.6	44.6	.6	.6
Weaving Mills, Cotton, Synthetics and Wool	19.0	18.7	19.1	.3	.1
Narrow Fabric Mills	1.1	1.0	1.1	.1	0
Knitting Mills	14.2	14.1	13.9	.1	.3
Textile Finishing, except Wool	4.8	4.8	4.7	0	.1
Yarn and Thread Mills	3.1	3.1	3.0	0	.1
Miscellaneous Textile Goods	1.3	1.3	1.2	0	.1
Apparel and Other Textile Products	33.8	33.5	34.2	.3	.4
Men's and Boys' Suits, Coats and Furnishings	12.5	12.3	13.5	.2	1.0
Women's and Children's Outerwear & Undergarments	17.6	17.4	16.9	.2	.7
Miscellaneous Fabricated Textile Products	1.8	1.8	1.7	0	.1
Paper and Allied Products	14.4	14.5	14.4	-.1	0
Pulp, Paper and Paperboard	7.8	7.8	7.6	0	.2
Misc. Converted Paper and Paperboard	6.0	6.0	6.0	0	0
Products, Containers and Boxes	2.4	2.3	2.4	.1	0
Miscellaneous Converted Paper Products	3.6	3.7	3.6	-.1	0
Paperboard Containers and Boxes	22.2	21.9	22.1	.3	.1
Printing and Publishing	8.4	8.2	8.5	.2	.1
Newspapers and Periodicals	8.3	8.1	8.2	.2	.1
Commercial Printing	32.9	33.1	32.8	-.2	.1
Chemicals and Allied Products	.8	.8	.8	0	0
Industrial Inorganic Chemicals	19.2	19.5	19.4	-.3	.2
Plastics Materials and Synthetics	2.8	2.8	2.7	0	.1
Drugs	1.5	1.5	1.6	0	.1
Agricultural Chemicals	3.7	3.6	3.3	.1	.4
Miscellaneous Chemical Products	12.3	12.3	11.9	0	.4
Petroleum, Rubber and Misc. Plastics Products	5.9	5.9	5.6	0	.3
Miscellaneous Plastics Products	6.1	6.1	6.0	0	.1
Rubber and Rubber Products	3.5	3.5	3.6	0	.1
Leather and Leather Products					

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
(Continued from page 4)					
<u>NONMANUFACTURING</u>	1,751.9	1,739.4	1,725.6	12.5	26.3
Mining	24.7	24.5	24.0	.2	.7
Bituminous Coal and Lignite Mining	22.0	21.7	20.8	.3	1.2
Construction	116.1	118.7	127.0	- 2.6	- 10.9
Transportation and Public Utilities	118.5	118.7	114.7	- .2	3.8
Railroad Transportation	15.0	15.0	14.0	0	1.0
Trucking and Warehousing	29.5	29.4	29.4	.1	.1
Transportation by Air	11.0	11.1	10.9	- .1	.1
Communication	30.1	30.3	29.4	- .2	.7
Electric, Gas and Sanitary Services	17.6	17.7	16.7	- .1	.9
Wholesale and Retail Trade	464.6	464.1	451.7	.5	12.9
Wholesale	105.3	105.6	105.4	- .3	- .1
Wholesale Trade Durable Goods	63.5	63.8	63.8	- .3	- .3
Wholesale Trade Nondurable Goods	41.8	41.8	41.6	0	.2
Retail	359.3	358.5	346.3	.8	13.0
General Merchandise Stores	57.0	56.2	55.0	.8	2.0
Department Stores	42.0	41.0	40.5	1.0	1.5
Variety Stores	9.4	9.5	9.0	- .1	.4
Food Stores	56.4	56.4	55.0	0	1.4
Automotive Dealers and Service Stations	46.7	46.6	46.6	.1	.1
Furniture and Home Furnishings Stores	16.1	15.9	15.3	.2	.8
Miscellaneous Retail	44.5	44.2	43.2	.3	1.3
Finance, Insurance and Real Estate	109.1	109.4	106.0	- .3	3.1
Banking	31.6	31.7	31.0	- .1	.6
Insurance Carriers	20.2	20.3	19.9	- .1	.3
Real Estate	25.2	25.3	23.5	- .1	1.7
Services	406.5	410.2	392.2	- 3.7	14.3
Personal Services	24.6	24.6	24.4	0	.2
Business Services	79.0	79.3	76.8	- .3	2.2
Auto and Miscellaneous Repair Service	18.7	18.7	18.6	0	.1
Health Services	105.9	105.9	101.9	0	4.0
Government	512.4	493.8	510.0	18.6	2.4
Federal Government	156.3	158.0	153.3	- 1.7	3.0
State and Local Government	356.1	335.8	356.7	20.3	- .6
State Government	118.9	113.0	118.4	5.9	.5
Local Government	237.2	222.8	238.3	14.4	- 1.1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS

BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1970 - 1980

JANUARY 1977 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.9	106.4	406.0	93.4	341.3	458.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,118.1	408.8	23.9	110.9	114.1	446.0	106.6	391.9	515.9
April	2,123.2	407.8	13.5	114.4	113.7	452.0	107.5	397.9	516.4
May	2,131.2	408.7	13.5	115.9	114.5	455.7	107.5	400.0	515.4
June	2,164.3	409.2	23.5	119.0	117.2	462.1	109.0	408.3	516.0
July	2,150.2	406.6	23.9	119.2	118.9	462.6	109.5	410.9	498.6
August	2,147.5	408.1	24.5	118.7	118.7	464.1	109.4	410.2	493.8
September	2,163.8	411.9	24.7	116.1	118.5	464.6	109.1	406.5	512.4
October									
November									
December									

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
<u>NONAGRICULTURAL</u> 1/	917.8	907.1	894.4	10.7	23.4
<u>MANUFACTURING</u>	146.1	144.1	144.2	2.0	1.9
Durable Goods	45.9	45.5	44.0	.4	1.9
Lumber and Wood Products	4.3	4.3	4.1	0	.2
Furniture and Fixtures	9.0	8.9	8.7	.1	.3
Stone, Clay and Glass Products	1.4	1.4	1.3	0	.1
Primary Metal Industries	1.9	1.9	2.0	0	-.1
Fabricated Metal Products	3.6	3.6	3.4	0	.2
Machinery, except Electrical	2.4	2.3	2.4	.1	0
Electric and Electronic Equipment	15.7	15.4	14.8	.3	.9
Transportation Equipment	4.6	4.7	4.5	-.1	.1
Instruments and Related Products	1.8	1.8	1.7	0	.1
Miscellaneous Manufacturing Industries	1.2	1.2	1.1	0	.1
Nondurable Goods	100.2	98.6	100.2	1.6	0
Food and Kindred Products	15.0	14.1	15.4	.9	-.4
Tobacco Manufactures	5.9	5.7	5.8	.2	.1
Textile Mill Products	24.7	24.4	24.5	.3	.2
Apparel and Other Textile Products	30.3	30.0	30.6	.3	-.3
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	8.0	7.9	7.7	.1	.3
Chemicals and Allied Products	8.5	8.7	8.3	-.2	.2
Petroleum, Rubber and Misc. Plastics Products	2.7	2.7	2.7	0	0
Leather and Leather Products	2.6	2.6	2.7	0	-.1
<u>NONMANUFACTURING</u>	771.7	763.0	750.2	8.7	21.5
Mining	.7	.7	.6	0	.1
Construction	7.9	8.1	7.7	-.2	.2
Transportation and Public Utilities	29.3	29.6	28.4	-.3	.9
Wholesale and Retail Trade	196.0	195.4	186.7	.6	9.3
Wholesale Trade	21.5	21.6	20.5	-.1	1.0
Retail Trade	174.5	173.8	166.2	.7	8.3
Finance, Insurance and Real Estate	62.9	63.0	60.5	-.1	2.4
Services	224.5	227.3	217.7	-.2	6.8
Government	250.4	238.9	248.6	11.5	1.8
Federal Government	56.9	57.4	54.7	-.5	2.2
State and Local Government	193.5	181.5	193.9	12.0	.4

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A - 4.

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
<u>MANUFACTURING</u>	315.4	311.1	314.5	4.3	.9
Durable Goods	141.4	140.7	141.0	.7	.4
Lumber and Wood Products	20.3	20.3	19.7	0	.6
Millwork, Plywood and Structural Members	5.4	5.5	5.1	-.1	.3
Wood Containers	1.8	1.7	1.7	.1	.1
Wood Buildings and Mobile Homes	2.2	2.2	2.4	0	-.2
Miscellaneous Wood Products	1.8	1.8	1.8	0	0
Furniture and Fixtures	21.9	21.9	21.5	0	.4
Household and Office Furniture	20.8	20.7	20.4	.1	.4
Stone, Clay and Glass Products	9.7	9.7	9.9	0	-.2
Structural Clay Products	.7	.7	.8	0	.1
Concrete Gypsum and Plaster Products	5.7	5.8	5.7	-.1	0
Glass and Glass Products	1.3	1.3	1.3	0	0
Primary Metal Industries	6.3	6.2	6.4	.1	-.1
Fabricated Metal Products	13.4	13.4	13.4	0	0
Fabricated Structural Metal Products	7.3	7.3	7.6	0	-.3
Machinery, except Electrical	9.7	9.6	10.7	.1	1.0
Construction and Related Machinery	2.5	2.4	2.8	.1	-.3
Special Industry Machinery	1.4	1.4	1.5	0	-.1
Refrigeration and Service Machinery	1.3	1.3	1.2	0	.1
Electric and Electronic Equipment	23.2	23.0	22.3	.2	.9
Communication Equipment	7.4	7.4	7.0	0	.4
Electronic Components and Accessories	3.6	3.6	3.3	0	.3
Transportation Equipment	31.5	31.4	31.9	.1	-.4
Instruments and Related Products	2.6	2.5	2.4	.1	.2
Miscellaneous Manufacturing Industries	2.8	2.7	2.8	.1	0
Nondurable Goods	174.0	170.4	173.5	3.6	.5
Food and Kindred Products	30.7	28.9	31.0	1.8	-.3
Meat Products	11.4	11.3	11.6	.1	-.2
Dairy Products	1.6	1.6	1.3	0	.3
Preserved Fruits and Vegetables	2.9	2.0	2.9	.9	0
Bakery Products	2.4	2.3	2.5	.1	-.1
Beverages	2.5	2.5	2.4	0	.1
Tobacco Manufactures	13.3	12.5	13.1	.8	.2
Cigarettes	10.7	10.4	10.3	.3	.4
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	2.3	1.8	2.5	.5	-.2
Textile Mill Products	40.6	40.0	39.9	.6	.7
Weaving Mills, Cotton, Synthetics and Wool	16.8	16.4	16.8	.4	0
Narrow Fabric Mills	1.1	1.0	1.0	.1	.1
Knitting Mills	13.1	13.0	12.7	.1	.4
Textile Finishing, except Wool	4.3	4.4	4.2	-.1	.1
Yarn and Thread Mills	2.8	2.8	2.7	0	.1
Miscellaneous Textile Goods	1.1	1.1	1.1	0	0
Apparel and Other Textile Products	30.6	30.1	31.2	.5	-.6
Men's and Boys' Suits, Coats and Furnishings	11.4	11.1	12.5	.3	1.1
Women's and Children's Outerwear & Undergarments	16.1	15.9	15.5	.2	.6
Miscellaneous Fabricated Textile Products	1.5	1.4	1.3	.1	.2
Paper and Allied Products	10.8	10.9	10.9	-.1	-.1
Pulp, Paper and Paperboard	5.4	5.5	5.4	-.1	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	4.9	5.0	.1	0
Miscellaneous Converted Paper Products	2.1	2.0	2.1	.1	0
Paperboard Containers and Boxes	2.9	2.9	2.9	0	0
Printing and Publishing	13.2	13.0	12.8	.2	.4
Newspapers and Periodicals	3.0	2.9	2.9	.1	.1
Commercial Printing	6.4	6.3	6.2	.1	.2
Chemicals and Allied Products	22.3	22.4	22.4	-.1	-.1
Industrial Inorganic Chemicals	.4	.4	.4	0	0
Plastics Materials and Synthetics	14.1	14.3	14.2	-.2	-.1
Drugs	1.4	1.4	1.2	0	.2
Agricultural Chemicals	.8	.7	1.0	.1	-.2
Miscellaneous Chemical Products	2.5	2.4	2.2	.1	.3
Petroleum, Rubber and Misc. Plastics Products	9.4	9.4	9.0	0	.4
Miscellaneous Plastics Products	4.4	4.4	4.1	0	.3
Rubber and Rubber Products	4.8	4.8	4.7	0	.1
Leather and Leather Products	3.1	3.2	3.2	-.1	-.1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the payperiod including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	29.3	29.0	28.4	.3	.9
MANUFACTURING	9.5	9.6	9.3	-.1	.2
Durable Goods	4.7	4.6	4.6	.1	.1
Lumber and Wood Products and Furniture and Fixtures	.2	.2	.3	0	-.1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.2	2.1	2.1	.1	.1
Other Durable Goods 1/	2.0	2.0	1.9	0	.1
Nondurable Goods	4.8	5.0	4.7	-.2	.1
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	1.9	2.1	2.0	-.2	-.1
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.4	0	.1
NONMANUFACTURING	19.8	19.4	19.1	.4	.7
Construction	1.5	1.6	1.3	-.1	.2
Transportation & Public Utilities	1.3	1.3	1.1	0	.2
Trade	6.9	6.8	6.6	.1	.3
Wholesale Trade	1.7	1.7	1.7	0	0
Retail Trade	5.2	5.1	4.9	.1	.3
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.8	3.9	3.8	-.1	0
Government	5.3	4.8	5.3	.5	0
State and Local Government	5.0	4.5	5.0	.5	0

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	71.6	70.1	72.4	1.5	-.8
MANUFACTURING	29.4	28.8	29.0	.6	.4
Durable Goods	18.8	18.5	18.4	.3	.4
Lumber and Wood Products and Furniture and Fixtures	4.2	4.1	3.9	.1	.3
Other Durable Goods 1/	14.6	14.4	14.5	.2	.1
Nondurable Goods	10.6	10.3	10.6	.3	0
Food and Kindred Products	1.8	1.8	1.7	0	.1
Textile Mill Products	1.8	1.8	1.7	0	.1
Apparel & Other Textile Products	2.4	2.2	2.6	.2	-.2
Paper and Allied Products	1.1	1.1	1.0	0	.1
Other Nondurable Goods 2/	3.5	3.4	3.6	.1	-.1
NONMANUFACTURING	42.2	41.3	43.4	.9	-1.2
Construction	3.3	3.4	3.9	-.1	-.6
Transportation and Public Utilities	2.7	2.7	2.8	0	-.1
Wholesale and Retail Trade	11.3	11.2	11.7	.1	-.4
Wholesale Trade	2.2	2.2	2.2	0	0
Retail Trade	9.1	9.0	9.5	.1	-.4
Finance, Insurance and Real Estate	3.6	3.7	3.7	-.1	-.1
Services and Mining	10.8	10.5	11.0	.3	-.2
Government	10.5	9.8	10.3	.7	.2

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	157.7	158.4	154.9	- .7	2.8
MANUFACTURING	35.0	35.1	35.3	- .1	.3
Durable Goods	28.1	28.3	28.8	- .2	.7
Stone, Clay & Glass Products	.5	.5	.6	0	.1
Transportation Equipment	24.2	24.4	24.6	- .2	.4
Other Durable Goods 1/	3.4	3.4	3.6	0	.2
Nondurable Goods	6.9	6.8	6.5	.1	.4
Food & Kindred Products	3.0	3.0	3.0	0	0
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.6	0	0
Printing and Publishing	1.2	1.2	1.1	0	.1
Other Nondurable Goods 2/	2.1	2.0	1.8	.1	.3
NONMANUFACTURING	122.7	123.3	119.6	- .6	3.1
Construction	7.3	7.4	7.3	- .1	0
Transportation and Public Utilities	5.4	5.3	5.1	.1	.3
Wholesale and Retail Trade	29.9	30.1	29.3	- .2	.6
Wholesale Trade	3.6	3.5	3.3	.1	.3
Retail Trade	26.3	26.6	26.0	- .3	.3
Finance, Insurance and Real Estate	5.2	5.3	5.2	- .1	0
Services and Mining	32.1	33.6	29.4	- 1.5	2.7
Government	42.8	41.6	43.3	1.2	.5
Federal Government	17.1	17.5	17.0	- .4	.1
State and Local Government	25.7	24.1	26.3	1.6	.6

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	293.1	293.3	284.9	- .2	8.2
MANUFACTURING	29.7	29.4	29.7	.3	0
Durable Goods	17.7	17.6	17.5	.1	.2
Lumber & Wood Products	1.6	1.6	1.6	0	0
Stone, Clay and Glass Products	1.9	1.9	1.7	0	.2
Fabricated Metal Products	1.0	1.0	1.0	0	0
Fabricated Structural Metal Products	N/A	N/A	N/A	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	7.8	7.8	7.6	0	.2
Other Durable Goods 1/	4.1	4.0	4.4	.1	.3
Nondurable Goods	12.0	11.8	12.2	.2	.2
Food and Kindred Products	6.1	6.0	6.0	.1	.1
Apparel & Other Textile Products	.9	.9	.9	0	0
Printing and Publishing	2.4	2.3	2.5	.1	.1
Chemicals and Allied Products	1.2	1.2	1.3	0	.1
Agricultural Chemicals	.5	.5	.6	0	.1
Other Nondurable Goods 2/	1.4	1.4	1.5	0	.1
NONMANUFACTURING	263.4	263.9	255.2	- .5	8.2
Construction	16.9	17.0	16.1	- .1	.8
Transportation & Public Utilities	19.4	19.7	19.0	- .3	.4
Railroads	1.4	1.4	1.5	0	.1
Wholesale and Retail Trade	73.4	73.6	68.8	- .2	4.6
Wholesale Trade	14.1	14.2	14.4	- .1	.3
Retail Trade	59.3	59.4	54.4	- .1	4.9
Finance, Insurance & Real Estate	14.7	15.0	14.6	- .3	.1
Banking	4.4	4.4	4.4	0	0
Insurance Carriers and Agents	3.0	3.0	3.0	0	0
Services and Mining	59.5	59.8	55.9	- .3	3.6
Personal Services	4.3	4.3	4.0	0	.3
Government	79.5	78.8	80.8	.7	1.3
Federal Government	36.5	37.3	36.1	- .8	.4
State & Local Government	43.0	41.5	44.7	1.5	1.7

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	446.3	443.8	432.3	2.5	14.0
MANUFACTURING	18.1	18.2	17.1	- .1	1.0
Durable Goods	10.7	10.8	10.1	- .1	.6
Stone, Clay and Glass Products	.9	.9	1.1	0	-.2
Fabricated Metal Products	1.1	1.1	1.1	0	0
Machinery, except Electrical	.7	.7	.6	0	.1
Electric and Electronic Equipment	5.8	5.8	5.3	0	.5
Other Durable Goods ^{1/}	2.2	2.3	2.0	- .1	.2
Nondurable Goods	7.4	7.4	7.0	0	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.8	4.8	4.5	0	.3
Other Nondurable Goods ^{2/}	1.5	1.5	1.4	0	.1
NONMANUFACTURING	428.2	425.6	415.2	2.6	13.0
Mining	.4	.4	.4	0	0
Construction	28.9	29.5	27.9	- .6	1.0
Transportation & Public Utilities	28.9	29.5	29.1	- .6	-.2
Transportation By Air	7.9	7.9	8.4	0	-.5
Electric, Gas & Sanitary Service	3.7	3.7	3.5	0	.2
Wholesale and Retail Trade	102.3	102.0	98.5	-.3	3.8
Wholesale Trade	18.0	18.1	18.3	-.1	-.3
Retail Trade	84.3	83.9	80.2	-.4	4.1
General Merchandise Stores	12.9	12.6	12.0	-.3	.9
Food Stores	9.4	9.3	9.2	-.1	.2
Auto. Dealers & Service Stations	12.2	12.3	12.2	-.1	1.6
Apparel & Accessory Stores	5.4	5.3	5.3	-.1	.1
Eating & Drinking Places	25.0	25.1	23.4	-.1	1.6
Finance, Insurance & Real Estate	28.3	28.7	27.3	-.4	1.0
Banking	6.3	6.4	5.9	-.1	.4
Services	116.5	116.3	113.2	-.2	3.3
Business Services	40.7	40.6	39.8	-.1	.9
Government	122.9	119.2	118.8	3.7	4.1
Federal Government	69.9	69.9	66.9	0	3.0
State and Local Government	53.0	49.3	51.9	3.7	1.1

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

^{1/} Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

^{2/} Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	46.0	44.6	47.6	1.4	- 1.6
MANUFACTURING	11.1	10.8	11.6	.3	-.5
Durable Goods	2.3	2.3	2.7	0	-.4
Lumber and Wood Products and Furniture & Fixtures	.6	.5	.6	.1	0
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.2	.1	0	.1
Other Durable Goods ^{1/}	1.3	1.4	1.8	-.1	-.5
Nondurable Goods	8.8	8.5	8.9	.3	-.1
Food and Kindred Products	.3	.3	.3	0	0
Textile Mill Products and Apparel & Other	1.1	.9	1.2	.2	-.1
Textile Products	3.5	3.5	3.4	0	.1
Chemicals and Allied Products	3.9	3.8	4.0	.1	-.1
Other Nondurable Goods ^{2/}					
NONMANUFACTURING	34.9	33.8	36.0	1.1	- 1.1
Construction	2.3	2.4	3.1	-.1	-.8
Transportation and Public Utilities	1.4	1.4	1.6	0	-.2
Wholesale and Retail Trade	8.4	8.3	8.0	.1	.4
Wholesale Trade	1.3	1.2	1.2	.1	.1
Retail Trade	7.1	7.1	6.8	0	.3
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.5	6.5	6.4	0	.1
Government	15.0	13.9	15.6	1.1	-.6
Federal Government	5.0	5.0	5.3	0	-.3
State and Local Government	10.0	8.9	10.3	1.1	-.3

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

^{1/} Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

^{2/} Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	330.9	326.3	326.6	4.6	4.3
MANUFACTURING	56.9	56.8	55.8	.1	1.1
Durable Goods	17.9	17.9	17.8	0	.1
Lumber & Wood Products	1.4	1.4	1.4	0	0
Furniture & Fixtures	2.2	2.2	2.3	0	.1
Stone, Clay & Glass Products	1.4	1.3	1.3	.1	.1
Fabricated Metal Products	2.6	2.7	2.5	-.1	.1
Fabricated Structural Metal Products	1.9	1.9	1.8	0	.1
Machinery, except Electrical	2.2	2.2	2.1	0	.1
Other Durable Goods 1/	8.1	8.1	8.2	0	.1
Nondurable Goods	39.0	38.9	38.0	.1	1.0
Food & Kindred Products	4.3	4.1	4.2	.2	.1
Bakery Products	1.8	1.7	1.8	.1	0
Tobacco Manufactures	13.2	13.2	12.6	0	.6
Cigarettes	12.0	12.0	11.6	0	.4
Tobacco Stemming & Redrying	.9	.9	.4	0	.5
Apparel & Other Textile Products	2.2	2.2	2.2	0	0
Paper & Allied Products	4.2	4.2	4.1	0	.1
Printing and Publishing	5.3	5.3	5.2	0	.1
Commercial Printing	3.0	2.9	2.9	.1	.1
Chemicals & Allied Products	7.7	7.8	7.7	-.1	0
Other Nondurable Goods 2/	2.1	2.1	2.0	0	.1
NONMANUFACTURING	274.0	269.5	270.8	4.5	3.2
Mining	.3	.3	.4	0	.1
Construction	16.3	16.5	17.1	-.2	.8
Transportation & Public Utilities	20.3	20.3	19.8	0	.5
Wholesale & Retail Trade	74.9	74.7	72.7	.2	2.2
Wholesale Trade	22.1	22.2	22.0	-.1	.1
Retail Trade	52.8	52.5	50.7	.3	2.1
General Merchandise Stores	10.3	10.2	10.0	.1	.3
Food Stores	7.5	7.4	7.3	.1	.2
Auto Dealers & Service Stations	5.7	5.7	5.6	0	.1
Finance, Insurance & Real Estate	26.7	26.9	26.8	-.2	.1
Insurance Carriers and Agents	10.4	10.4	10.5	0	.1
Services	61.6	62.2	59.6	-.6	2.0
Government	73.9	68.6	74.4	5.3	-.5
Federal Government	7.9	8.0	7.9	.1	0
State & Local Government	66.0	60.6	66.5	5.4	-.5

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	September 1981	August 1981	September 1980	August 1981	September 1980
NONAGRICULTURAL	103.6	103.4	105.4	.2	- 1.8
MANUFACTURING	20.8	21.0	20.9	-.2	.1
Durable Goods	12.0	12.2	12.2	-.2	.2
Furniture & Fixtures	1.4	1.5	1.4	-.1	0
Primary Metals & Fabricated Metal Products	2.4	2.5	2.5	-.1	.1
Fabricated Structural Metal Products	1.1	1.2	1.3	-.1	.2
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.5	6.5	6.6	0	.1
Nondurable Goods	8.8	8.8	8.7	0	.1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.6	1.6	1.8	0	-.2
Apparel & Other Textile Products	1.7	1.7	1.5	0	.2
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.7	2.7	2.6	0	.1
NONMANUFACTURING	82.8	82.4	84.5	.4	- 1.7
Mining	.1	.1	.1	0	0
Construction	5.0	5.2	6.7	-.2	- 1.7
Transportation & Public Utilities	9.7	9.6	9.8	.1	.1
Wholesale & Retail Trade	26.0	25.9	25.7	.1	.3
Wholesale Trade	7.4	7.4	7.2	0	.2
Retail Trade	18.6	18.5	18.5	.1	.1
Finance, Insurance & Real Estate	6.3	6.3	6.2	0	.1
Services	20.2	20.2	19.6	0	.6
Government	15.5	15.1	16.4	.4	-.9
Federal Government	3.1	3.1	3.1	0	0
State & Local Government	12.4	12.0	13.3	.4	-.9

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
<u>MANUFACTURING</u>	\$275.01	\$273.24	\$250.58	39.4	39.6	39.4	\$6.98	\$6.90	\$6.36
Durable Goods	279.20	276.98	256.64	40.0	40.2	40.1	6.98	6.89	6.40
Lumber and Wood Products	194.77	196.10	179.45	37.6	38.3	37.7	5.18	5.12	4.76
Furniture and Fixtures	174.56	177.47	167.52	37.3	37.6	37.9	4.68	4.72	4.42
Household and Office Furniture	173.63	176.90	166.19	37.1	37.4	37.6	4.68	4.73	4.42
Stone, Clay and Glass Products	259.45	256.19	232.76	40.1	40.6	40.2	6.47	6.31	5.79
Structural Clay Products	241.19	249.99	204.93	39.8	42.3	40.5	6.06	5.91	5.06
Glass and Glass Products	275.40	282.77	237.40	36.0	41.1	39.5	7.65	6.88	6.01
Primary Metal Industries	333.97	353.74	319.51	36.7	40.8	39.3	9.10	8.67	8.13
Fabricated Metal Products	333.32	332.00	305.62	41.1	41.5	41.3	8.11	8.00	7.40
Fabricated Structural Metal Products	306.34	321.53	305.16	40.9	42.7	42.8	7.49	7.53	7.13
Machinery, except Electrical	306.88	295.60	278.12	40.7	40.0	40.9	7.54	7.39	6.80
Construction and Related Machinery	298.26	289.77	275.20	39.4	39.0	39.8	7.57	7.43	6.91
Special Industry Machinery	338.00	333.04	298.26	40.0	39.6	39.4	8.45	8.41	7.57
Refrigeration and Service Machinery	299.98	281.78	281.62	43.1	39.8	42.8	6.96	7.08	6.58
Electric and Electronic Equipment	289.52	283.22	261.49	40.1	39.5	39.8	7.22	7.17	6.57
Communication Equipment	314.82	299.82	283.39	39.7	38.0	40.6	7.93	7.89	6.98
Instruments and Related Products	1) 196.86	1) 192.38	217.22	38.6	38.4	40.3	1) 5.10	1) 5.01	5.39
Miscellaneous Manufacturing Industries	212.36	226.59	202.46	36.3	38.8	38.2	5.85	5.84	5.30
Nondurable Goods	271.83	269.79	245.22	39.0	39.1	38.8	6.97	6.90	6.32
Food and Kindred Products	245.36	243.46	223.65	38.1	38.1	38.1	6.44	6.39	5.87
Tobacco Manufactures	383.55	391.04	367.09	37.9	39.3	39.6	10.12	9.95	9.27
Cigarettes	421.00	422.14	401.45	38.1	39.9	38.9	11.05	10.58	10.32
Textile Mill Products	217.06	227.05	209.27	38.9	40.4	40.4	5.58	5.62	5.18
Weaving Mills, Cotton, Synthetics and Wool	248.81	256.52	229.63	42.1	42.4	41.3	5.91	6.05	5.56
Knitting Mills	187.22	192.15	178.51	37.0	38.2	37.9	5.06	5.03	4.71
Yarn and Thread Mills	174.46	203.04	179.99	37.6	42.3	41.0	4.64	4.80	4.39
Miscellaneous Textile Goods	207.32	236.81	214.24	36.5	41.4	41.2	5.68	5.72	5.20
Apparel and Other Textile Products	156.18	159.14	145.49	34.4	34.9	34.5	4.54	4.56	4.22
Men's and Boys' Suits, Coats and Furnishings	161.50	168.48	156.22	33.3	35.1	36.5	4.85	4.80	4.28
Women's and Children's Outerwear & Undergarments	150.51	148.68	133.56	34.6	34.1	31.8	4.35	4.36	4.20
Paper and Allied Products	378.88	348.99	338.48	43.4	41.3	42.9	8.73	8.45	7.89
Pulp, Paper and Paperboard	460.59	398.05	400.77	45.2	40.7	43.8	10.19	9.78	9.15
Misc. Converted Paper and Paperboard Products, Containers and Boxes	293.94	296.65	271.17	41.4	41.9	41.4	7.10	7.08	6.55
Printing and Publishing	328.64	324.17	279.34	38.8	38.5	37.8	8.47	8.42	7.39
Newspapers and Periodicals	268.10	255.34	259.92	35.0	34.0	36.0	7.66	7.51	7.22
Chemical and Allied Products	393.38	367.92	325.58	44.5	42.0	40.8	8.84	8.76	7.98
Plastic Materials and Synthetics	404.54	379.48	335.79	44.8	42.4	41.0	9.03	8.95	8.19
Agricultural Chemicals	256.14	246.53	218.12	40.4	38.4	38.2	6.34	6.42	5.71
Leather and Leather Products	151.69	144.47	142.40	38.5	36.3	38.8	3.94	3.98	3.67

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	\$218.13	\$211.69	\$207.12	35.7	35.4	36.4	\$6.11	\$5.98	\$5.69
Durable Goods	266.82	267.74	268.55	37.9	39.2	41.0	7.04	6.83	6.55
Fabricated Metal Products	1) 297.64	1) 326.01	342.63	33.9	40.1	40.5	1) 8.78	1) 8.13	8.46
Machinery and Transportation Equipment	269.37	253.10	259.72	41.0	38.7	42.3	6.57	6.54	6.14
Nondurable Goods	167.00	156.92	146.83	33.4	31.7	32.2	5.00	4.95	4.56
Food and Kindred Products	208.73	201.29	184.62	36.3	35.5	34.0	5.75	5.67	5.43
Apparel and Other Textile Products	129.06	122.04	111.00	29.2	27.8	28.1	4.42	4.39	3.95

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,000 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	\$267.58	\$274.68	\$243.72	39.7	40.1	39.5	\$6.74	\$6.85	\$6.17
Durable Goods	279.88	290.79	259.91	39.7	40.5	39.5	7.05	7.18	6.58
Lumber and Wood Products and Furniture and Fixtures	177.26	181.55	165.39	36.7	36.9	37.0	4.83	4.92	4.47
Nondurable Goods	249.55	251.46	219.46	39.8	39.6	39.4	6.27	6.35	5.57
Food and Kindred Products	1) 279.35	1) 250.88	248.78	1) 39.4	1) 39.2	42.6	1) 7.09	1) 6.40	5.84
Textile Mill Products	259.62	249.27	224.56	42.7	40.4	40.1	6.08	6.17	5.60
Apparel and Other Textile Products	135.07	144.63	124.64	33.6	34.6	32.8	4.02	4.18	3.80
Paper and Allied Products	371.64	374.57	344.31	48.9	48.9	48.7	7.60	7.66	7.07

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as change in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	\$301.04	\$291.72	\$282.35	42.4	40.8	41.4	\$7.10	\$7.15	\$6.82
Durable Goods	344.38	318.00	303.84	44.9	42.4	42.2	7.67	7.50	7.20
Lumber and Wood Products	227.66	235.48	219.76	40.8	41.9	41.7	5.58	5.62	5.27
Stone, Clay, and Glass Products	340.32	279.71	237.54	48.0	41.5	38.5	7.09	6.74	6.17
Fabricated Metal Products	220.60	215.84	234.54	38.5	38.0	42.8	5.73	5.68	5.48
Machinery, except Electrical	260.18	250.22	244.92	40.4	40.1	42.3	6.44	6.24	5.79
Transportation Equipment	436.37	392.26	378.35	49.7	45.4	44.2	8.78	8.64	8.56
Nondurable Goods	220.75	242.30	243.39	37.8	37.8	39.9	5.84	6.41	6.10
Food and Kindred Products	227.40	232.41	227.77	37.9	38.1	40.6	6.00	6.10	5.61
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	248.83	249.81	211.90	38.4	36.1	35.2	6.48	6.92	6.02

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,800 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	\$311.92	\$300.05	\$285.91	40.3	39.9	40.1	\$7.74	\$7.52	\$7.13
Durable Goods	284.21	284.61	274.39	40.2	40.6	41.7	7.07	7.01	6.58
Stone, Clay, and Glass Products	204.78	229.82	215.84	35.8	37.8	37.8	5.72	6.08	5.71
Fabricated Metal Products	324.32	329.18	311.08	42.9	43.2	44.0	7.56	7.62	7.07
Electric and Electronic Equipment	1) 311.88	1) 302.99	311.56	42.9	43.1	44.7	1) 7.27	1) 7.03	6.97
Nondurable Goods	351.88	322.87	294.46	40.4	38.9	37.8	8.71	8.30	7.79
Food and Kindred Products	349.55	334.56	301.25	44.7	41.0	40.6	7.82	8.16	7.42

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	\$352.60	\$345.77	\$298.35	41.0	40.3	39.0	\$ 8.60	\$ 8.58	\$ 7.65
Durable Goods	1) 198.07	1) 195.82	182.40	1) 39.3	1) 38.7	38.4	1) 5.04	1) 5.06	4.75
Lumber and Wood Products and Furniture and Fixtures	1) 203.19	1) 234.36	132.61	1) 39.0	1) 40.9	31.8	1) 5.21	1) 5.73	4.17
Nondurable Goods	392.89	388.42	335.55	41.4	40.8	39.2	9.49	9.52	8.56
Food & Kindred Products	239.08	223.02	215.25	38.5	37.8	38.3	6.21	5.90	5.62
Chemicals & Allied Products	478.58	446.02	382.12	46.6	42.6	41.4	10.27	10.47	9.23

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,700 production workers.

1) Not comparable with data for prior years.

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Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	\$345.15	\$343.17	\$329.26	39.0	39.4	40.8	\$ 8.85	\$ 8.71	\$ 8.07
Durable Goods	312.14	313.24	300.35	38.3	39.5	41.2	8.15	7.93	7.29
Lumber and Wood Products	193.43	194.97	180.95	39.8	40.2	38.5	4.86	4.85	4.70
Furniture and Fixtures	154.63	190.24	188.07	32.9	39.8	41.7	4.70	4.78	4.51
Primary Metal Industries	492.85	480.77	503.30	40.2	39.7	43.5	12.26	12.11	11.57
Fabricated Metal Products	339.82	352.09	352.46	36.5	37.9	40.7	9.31	9.29	8.66
Fabricated Structural Metal Products	357.67	379.12	399.02	35.1	37.5	40.8	10.19	10.11	9.78
Nondurable Goods	359.33	354.48	334.84	39.4	39.3	40.1	9.12	9.02	8.35
Food and Kindred Products	267.85	245.24	233.58	40.4	38.5	38.8	6.63	6.37	6.02
Tobacco Manufactures	411.72	413.60	409.64	37.6	37.6	40.2	10.95	11.00	10.19
Cigarettes	420.36	422.24	414.86	37.7	37.7	39.7	11.15	11.20	10.45
Apparel and Other Textile Products	184.54	188.47	167.48	39.6	40.1	38.5	4.66	4.70	4.35
Paper and Allied Products	331.14	333.84	311.10	42.4	42.8	42.5	7.81	7.80	7.32
Printing and Publishing	357.10	351.59	304.52	38.9	38.3	37.0	9.18	9.18	8.23
Chemicals and Allied Products	376.66	384.16	359.04	39.4	40.1	40.8	9.56	9.58	8.80

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 38,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for over-time work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
MANUFACTURING	\$257.54	\$250.38	\$238.00	39.5	39.0	39.8	\$6.52	\$6.42	\$5.98
Durable Goods	270.54	254.87	246.04	40.5	39.7	40.6	6.68	6.42	6.06
Fabricated Metal Products	241.96	251.26	225.74	39.6	41.6	40.6	6.11	6.04	5.56
Fabricated Structural Metal Products	245.07	264.17	230.85	38.9	42.2	40.5	6.30	6.26	5.70
Nondurable Goods	239.65	245.24	226.20	38.1	38.2	38.6	6.29	6.42	5.86
Food and Kindred Products	280.97	268.65	253.80	45.1	44.7	45.0	6.23	6.01	5.64
Textile Mill Products	185.22	209.27	171.22	37.8	40.4	36.9	4.90	5.18	4.64

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
	September 1981	August 1981	September 1980	Worker With No Dependents			Married Worker With Three Dependents		
	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980	September 1981	August 1981	September 1980
Virginia	\$275.01	\$273.24	\$250.58	\$215.12	\$213.93	\$199.64	\$235.25	\$233.92	\$218.15
Bristol Area	218.13	211.69	207.12	175.57	170.91	168.68	192.30	187.32	184.86
Lynchburg SMSA	267.58	274.68	243.72	210.12	214.90	194.85	229.65	235.00	212.94
Norfolk-Virginia Beach-Portsmouth SMSA	301.04	291.72	282.35	232.65	226.37	221.53	254.86	247.84	242.25
Northern Virginia Area	311.92	300.05	285.91	239.81	231.98	223.95	262.88	254.12	244.95
Petersburg-Colonial Heights-Hopewell SMSA	352.60	345.77	298.35	265.58	261.25	232.39	292.32	287.37	254.39
Richmond SMSA	345.15	343.17	329.26	260.86	259.61	252.51	286.93	285.49	277.14
Roanoke SMSA	257.54	250.38	238.00	203.16	198.20	190.85	222.09	216.69	208.60

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	September 1981 2/	August 1981	September 1980	August 1980
<u>NONAGRICULTURAL</u>	2,146.6	2,128.3	2,119.2	2,105.2
<u>MANUFACTURING</u>	407.4	405.2	406.1	402.7
Durable Goods	187.2	186.4	186.2	183.8
Lumber & Wood Products	23.8	23.4	23.1	22.4
Furniture and Fixtures	26.3	26.4	25.8	25.7
Stone, Clay and Glass Products	12.2	12.1	12.5	12.1
Primary Metal Industries	11.4	11.4	11.7	11.2
Fabricated Metal Products	20.5	20.6	20.4	20.2
Machinery, except Electrical	14.2	14.3	15.2	15.2
Electric and Electronic Equipment	34.4	34.2	33.1	33.0
Transportation Equipment	36.5	36.3	36.6	36.2
Instruments and Related Products	4.1	4.1	4.0	4.0
Nondurable Goods	220.2	219.1	220.0	219.1
Food and Kindred Products	39.9	39.4	40.5	40.6
Tobacco Manufactures	16.8	16.9	16.6	16.2
Textile Mill Products	44.9	44.6	44.3	44.5
Apparel and Other Textile Products	33.5	33.2	33.9	33.3
Paper and Allied Products	14.4	14.4	14.4	14.3
Printing and Publishing	22.2	21.9	22.1	22.0
Chemicals and Allied Products	32.9	32.8	32.8	32.5
Leather and Leather Products	3.4	3.4	3.6	3.6
<u>MINING</u>	23.8	23.6	23.1	23.0
Bituminous Coal and Lignite Mining	21.1	20.9	19.9	19.9
<u>CONTRACT CONSTRUCTION</u>	110.6	110.0	121.0	119.9
<u>TRANSPORTATION & PUBLIC UTILITIES</u>	118.3	118.0	114.5	114.8
Railroad Transportation	15.4	15.6	14.4	15.0
Trucking and Warehousing	28.9	28.6	28.8	28.8
Transportation by Air	10.9	11.0	10.8	10.9
Communication	30.1	30.1	29.4	29.1
Electric, Gas and Sanitary Services	17.6	17.6	16.8	16.5
<u>WHOLESALE AND RETAIL TRADE</u>	462.3	461.8	449.4	449.0
Wholesale Trade	105.1	105.4	105.2	105.1
Retail Trade	357.5	356.4	344.6	343.8
General Merchandise Stores	57.7	58.2	55.7	56.4
Food Stores	56.3	56.1	54.9	54.5
<u>FINANCE, INSURANCE & REAL ESTATE</u>	107.7	106.7	104.6	104.0
Banking	31.4	31.3	30.8	30.9
Insurance Carriers	20.3	20.1	20.0	19.6
<u>SERVICES</u>	401.3	400.5	387.2	385.2
Personal Services	25.2	25.3	25.0	25.1
Business Services	78.4	77.3	76.2	74.6
<u>GOVERNMENT</u>	516.0	503.9	513.6	506.9
Federal Government	157.2	157.4	154.2	155.4
State and Local Government	357.2	346.2	357.8	351.3
<u>AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS</u>				
<u>MANUFACTURING</u>	39.1	39.7	39.6	39.8
Durable Goods	39.5	40.4	39.6	39.8
Lumber and Wood Products	37.3	38.0	38.0	38.2
Furniture and Fixtures	36.4	37.3	37.0	36.0
Household & Office Furniture	36.2	37.0	36.7	35.6
Stone, Clay & Glass Products	39.4	40.3	39.5	40.0
Primary Metal Industries	36.0	40.9	38.6	38.5
Fabricated Metal Products	40.6	41.0	40.8	40.8
Fabricated Structural Metal Products	40.0	42.2	41.9	41.6
Machinery, except Electrical	40.9	40.6	41.1	40.8
Electric and Electronic Equipment	39.3	40.0	39.0	38.5
Instruments & Related Products	38.5	38.6	46.2	39.8
Miscellaneous Manufacturing Industries	36.0	38.2	37.8	36.7
Nondurable Goods	38.8	39.0	38.6	38.9
Food & Kindred Products	37.8	38.0	37.8	38.3
Tobacco Manufactures	38.1	39.5	40.0	38.2
Cigarettes	38.2	39.9	39.0	38.7
Textile Mill Products	38.6	40.3	40.1	40.3
Weaving Mills, Cotton, Synthetics and Wool	42.0	42.4	41.2	42.6
Knitting Mills	36.3	37.8	38.2	38.5
Apparel & Other Textile Products	34.3	35.0	34.4	36.0
Men's and Boys' Suits, Coats and Furnishings	33.3	34.6	36.5	36.6
Women's and Children's Outerwear & Undergarments	34.6	34.4	31.8	34.7
Paper & Allied Products	43.0	41.5	42.5	42.0
Pulp, Paper and Paperboard	45.1	41.2	43.7	43.8
Printing and Publishing	38.2	38.7	37.2	38.4
Newspapers and Periodicals	35.1	33.9	36.1	35.9
Chemicals & Allied Products	45.2	42.1	40.3	39.7
Plastics Materials & Synthetics	45.4	42.1	39.7	38.6
Agricultural Chemicals	42.2	40.6	39.9	42.8
Leather & Leather Products	36.9	35.6	37.2	35.7

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, SEASONALLY ADJUSTED BY INDUSTRY DIVISIONS ANNUAL AVERAGES 1972 - 1980 JANUARY 1977 TO DATE (IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, In- surance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	493.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.5	105.6	387.1	507.7
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	488.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	365.2	489.0
December	2,094.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.0	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.5	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	23.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.8	411.0	25.2	123.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	456.2	107.5	402.1	513.5
February	2,160.7	410.9	25.9	122.7	116.2	460.6	108.1	402.2	513.8
March	2,154.7	413.3	25.3	119.9	114.7	457.4	108.4	399.5	512.8
April	2,129.6	412.8	13.7	115.1	114.6	456.6	108.5	397.5	513.3
May	2,122.7	412.0	13.1	113.0	114.4	455.7	107.5	396.4	512.3
June	2,130.2	409.6	21.8	111.6	115.6	458.9	106.6	396.8	509.4
July	2,126.8	406.6	22.0	105.8	118.0	459.8	106.8	399.3	503.6
August	2,128.3	405.2	23.6	110.0	118.0	461.8	106.7	400.5	503.9
September	2,146.6	407.4	23.8	110.6	118.3	462.3	107.7	401.3	516.0
October									
November									
December									

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

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